



Navy Center for Tactical Systems Interoperability

Navy JTIDS Network Design Facility

53690 Tomahawk Drive

Suite A125

San Diego, CA 92147-5082

NETWORK AJCO0001A

(U. S. NAVY NETWORK 40)

NETWORK DESCRIPTION



NETWORK AJCO0001A

(U. S. NAVY NETWORK 40)

NETWORK DESCRIPTION

10 OCTOBER 2000

Prepared by:

Navy Center for Tactical Systems Interoperability

Navy JTIDS Network Design Facility

53690 Tomahawk Drive
Suite A125
San Diego, CA 92147-5082

Release for Distribution Approved and Signed By

IAN P. FETTERMAN
Commanding Officer, NCTSI

Table of Contents

Section 1 - INTRODUCTION	I-1
PURPOSE	1-1
SCOPE	1-1
Section 2 - NETWORK DESCRIPTION	2-1
PARTICIPANTS	2-1
PLATFORM TYPES	2-1
USER SEQUENCE NUMBERS WITHIN PLATFORM TYPE	2-1
PLATFORM ID	2-2
PARAMETERS	2-2
DESIGN FILES	2-3
SURVEILLANCE NPG	2-3
AIR CONTROL NPG	2-3
FIGHTER TO FIGHTER NPG	2-3
NETWORK PARTICIPATION GROUPS (NPGs)	2-4
1. RTT B (NPG 3)	2-4
2. PPLI A (NPG 5)	2-4
3. PPLI B (NPG 6)	2-5
4. SURVEILLANCE (NPG 7)	2-5
Total Network Surveillance Allocation Graph	2-6
Surveillance Design File Option Table	2-6
Surveillance Design File Option Graphs	2-7
5. MISSION MANAGEMENT (NPG 8)	2-8
6. AIR CONTROL (NPG 9)	2-9
UPLINK	2-9
BACKLINK	2-9
Air Control Backlink Options Table	2-10
Air Control Backlink Graphs	2-10
7. ELECTRONIC WARFARE (NPG 10)	2-10
8. VOICE A (NPG 12)	2-11
9. INDIRECT PPLI (NPG 14)	2-11
10. FIGHTER-TO-FIGHTER (NPG 19)	2-12
ADVISORY	2-12
TARGETING	2-12
Fighter-to-Fighter Targeting Option Table	2-13
Fighter-to-Fighter Targeting Option Graphs	2-13
11. RESIDUAL MESSAGE (NPG 29)	2-14
APPENDIX A – TIME SLOT ALLOCATIONS	A-1
SHIP (1)	A-3
SHIP (2)	A-4
SHIP (3)	A-5
SHIP (4)	A-6
SHIP (5)	A-7

E-2C(1)	A-8
E-2C(2)	A-9
F-14D(1)	A-10
F-14D(2)	A-11
F-14D(3)	A-12
F-14D(4)	A-13
JTAOM(1)	A-14
ADCP(1)	A-15
E3(1)	A-16
E3(2)	A-17
RJ(1)	A-18
CRC(1)	A-19
AOC(1)	A-20
APPENDIX B - OPTION TIME SLOT ASSIGNMENTS	B-1
SURVEILLANCE OPTION 1	B-3
SURVEILLANCE OPTION 2	B-4
SURVEILLANCE OPTION 3	B-5
SURVEILLANCE OPTION 4	B-6
SURVEILLANCE OPTION 5	B-7
AIR CONTROL OPTION 1	B-8
AIR CONTROL OPTION 2	B-8
FIGHTER-TO-FIGHTER OPTION 1	B-9
FIGHTER-TO-FIGHTER OPTION 2	B-9
APPENDIX C - NON-TIME SLOT INITIALIZATION PARAMETERS	C-1
SHIPBOARD PLATFORMS	C-3
E-2C PLATFORMS	C-15
F-14D PLATFORMS	C-29
APPENDIX D - SUPPLEMENTAL INFORMATION	D-1
COMMONLY USED CONNECTIVITY MATRIX ABBREVIATIONS	D-3
CONTENTION ACCESS MODES	D-4
CONNECTIVITY MATRIX	D-5
TIME LINE	D-9
UNIT PULSE DENSITY CALCULATIONS (TSDF)	D-10
NETWORK ALLOCATION TABLE	D-11

COMSEC CROSS REFERENCE TABLE _____ **D-12****List of Tables**

Table 1: Participants List	2-1
Table 2: Network Parameters	2-3
Table 3: Connectivity Matrix Abbreviations	D-3
Table 4: Contention Access Modes	D-4

This Page Intentionally Left Blank

Section 1 - INTRODUCTION

Network AJCO0001A is a restricted TSDF network used to support Joint ground, air, and naval forces in the Japan operations area. The network is designed to support IPF 3 (100/50) TSDF limits or 100% capacity of a full JTIDS network with no individual platform exceeding 50% with minimal network management actions. Spectrum restrictions in the Japan operating area dictates that the network will operate on Net 0 (zero) only.
Stacked or Multi-nets are prohibited in the Japan operating area .

Although this network has been designed with C2 airborne units and ships assigned as relay platforms, only one C2 airborne relayer will be active at any one time. The network will support the needs of a single Carrier Battle Group (CVBG) operating with JTIDS equipped fighters in Japan operations area. This network supports 18 participants and employs 2.4 Kbps voice, relayed. This network is ACR capable and will not impact non-ACR fighter platforms using this network.

PURPOSE

The purpose of this document is to describe Network AJCO0001A .

For U.S. Navy only, this network will be referred to as Network 40 for platform loading and initialization purposes . This document is being delivered along with the appropriate loading media containing the network data to be loaded by the Mission Support Systems supporting JTIDS terminal initialization for U.S. Navy platforms. The network will also be distributed to other network design facilities. Other service platforms need to contact their service Network Design Facility (NDF) for their loading media.

Network AJCO0001A is identified by the following:

<u>Library Number (JNL ID):</u>	Refer to media label (JNL # is also specified in OPTASK Link)
<u>Network Number:</u>	40 ¹
<u>Originating Activity:</u>	NCTSI Navy Network Design Facility, San Diego, CA.

SCOPE

Section 2 – Network Description. Operational summary of the network. It lists the network participants. Additionally, it describes platform ID, user sequence numbers, parameters, option design files and the communication capabilities of the network design via NPG descriptions.

¹ Prior to promulgation of JNL 200, a special one-time Navy distribution of this network was made to COMCARGRU Five as Network 40 in JNL 30.

[Appendix A](#) – Time Slot Allocations. Contains the time slot block assignments for each participant in the network.

[Appendix B](#) – Option Time Slot Assignments. Contains the time slot block assignments for each of the Design File Options available in the network for U.S. Navy platforms.

[Appendix C](#) – Non-Time Slot Initialization Parameters. Contains the initialization parameters (excluding time slot assignments) defined for U.S. Navy platforms.

[Appendix D](#) – Supplemental Information. Contains the Connectivity Matrix, Timeline, unit pulse density/time slot duty factor (TSDF) calculations, Network Allocation Table and COMSEC Reference Table representing the design of the network.

Section 2 - NETWORK DESCRIPTION

PARTICIPANTS

Network AJCO0001A is designed to support a single CVBG operating with Navy JTIDS equipped fighters, and with Joint surveillance C2 ground and airborne platforms. It will support a total of 18 direct JTIDS participants. Participants are identified in the table below. Each Navy platform type has been assigned a User Sequence Number for JNL identification purposes. [Specific mapping of the User Sequence Numbers to the platforms is contained in the connectivity matrix in Appendix D.](#)

Table 1: Participants List

Quantity	Platform	Platform Type	Service	User Sequence Number
5	SHIPS	3	USN	1 – 5
2	E-2C	1	USN	1 – 2
4	F-14D	2	USN	1 – 4
1	JTAOM	-	USMC	-
1	ADCP	-	USMC	-
2	E3	-	USAF	-
1	RJ	-	USAF	-
1	CRC	-	USAF	-
1	AOC	-	USAF	-

PLATFORM TYPES

Navy platform types are assigned a fixed platform type number. These are "1" for E-2Cs, "2" for F-14Ds and "3" for ships and submarines. Other service platforms are not assigned a platform ID in Navy networks.

USER SEQUENCE NUMBERS WITHIN PLATFORM TYPE

User sequence numbers are assigned to each Navy platform type. For example, ships and submarines are assigned user sequence numbers 1 – X, E-2Cs are assigned user sequence numbers 1 – X, and F-14Ds are assigned user sequence numbers 1 - X,

where X is the number of units in each platform type. Other service platforms do not employ user sequence numbers.

PLATFORM ID

Currently there are three (3) shipboard platform type identities. These identify the platform as CV, CG, or DDG. In earlier networks, each shipboard user sequence was pre-assigned as a specific platform ID (CV, CG or DDG) for simplicity. Current network requirements for flexibility make it impractical to continue pre-assigning a specific platform ID to each sequence number at network design. In this network, the Platform ID is set to "No Statement" on all of the shipboard user sequence numbers. The shipboard user sequence numbers are referred to nominally as "ship 1, ship 2, ship 3, etc., " in documentation. Most platforms can overwrite the Platform ID number to properly identify their unit on the network. However, some C2P versions cannot perform this overwrite and will be identified on the data link as a "Surface Friend Line" rather than actual Platform ID (Surface Friend (CV, CG, DDG)). This is preferable to having an incorrect Platform ID transmitted over the data link. This method also allows OPTASK Link planners to assign any shipboard platform to any user sequence number. Refer to the connectivity matrix in [Appendix D](#) to observe the user sequence numbers and nominal platform types (ship 1, ship 2, etc.).

PARAMETERS

Each network requires the identification of initialization parameters that configure the terminal to the structure of the network.

Time slot parameters are defined by the terminal initialization blocks 3 to 15 in the network design, where time slot blocks are allocated to each participant in the network.

- Each participant is given transmit and receive slot blocks, which meet the capacity requirements defined for it in the Network Participation Groups (NPGs) section of this document.
- The available Surveillance, Air Control and Fighter-to-Fighter transmit slot block assignments are contained in the design files.
- Identified participants are given paired slot relay block assignments that meet the requirements for the relays defined in the Network Participation Groups (NPGs) section of this document.

Non-time slot block (NTSB) parameters are based on network design requirements and specific platform requirements. The NTSB values reflect both default values specified in the Interface Control Documents and preset values required supporting the platform implementation. Table 2 below lists some of the essential parameters that link operators and managers should be aware of when using this network. [Appendix C](#) contains the complete list of NTSB parameters for Navy platforms in this network. Non-time slot parameters for other service platforms are provided by their respective Network Design Facility.

Table 2: Network Parameters

PARAMETER	VALUE
TDMA XMIT Mode	Normal
IPF Override	100/50
TDMA Range	Normal
Communications Mode	Mode 1
Organizational User Type	Primary
Default Net Number	Net 0
Default TSEC Variable	CVLL 1
Default MSEC Variable	CVLL 1
Variable Location 1	CVLL 1
Variable Location 0	CVLL 1

DESIGN FILES

Each JNL may include additional files that provide optional variations of a network design. These variations are option design files for Surveillance, Air Control and Fighter-to-Fighter NPGs used by Navy platforms. AJCO0001A includes design files for Surveillance, Air Control and Fighter-to-Fighter NPGs used by Navy platforms.

SURVEILLANCE NPG

A Surveillance Design File contains a reallocation of time slots to the participants of a network's Surveillance NPG. Each design option consists of a complete set of files for each potential Navy platform surveillance participant. A Surveillance File contains the unique transmit time slot assignments for one participant on this NPG. [Appendix B](#) contains the Surveillance Design File Options and transmit time slot assignments in the network.

AIR CONTROL NPG

An Air Control Design File contains a reallocation of time slots to the backlink participants of a network's Air Control NPG. Each design option consists of a complete set of files for each of the potential Air Control backlink participants. An Air Control File contains the unique transmit time slot assignments for one participant on this NPG. [Appendix B](#) contains the Air Control Design File Options and transmit time slot assignments in the network.

FIGHTER TO FIGHTER NPG

A Fighter-to-Fighter Design File contains a reallocation of time slots to the participants of a network's Fighter-to-Fighter NPG. Each design option consists of a complete set of files for each of the potential Fighter-to-Fighter participants. A Fighter-to-Fighter File contains the unique transmit time slot assignments for one participant on this NPG.

[Appendix B](#) contains the Fighter-to-Fighter Design File Options and transmit time slots assignments in the network .

NETWORK PARTICIPATION GROUPS (NPGs)

This section describes the communication capabilities of each of the NPGs supported by AJCO0001A. This network is designed for flood relay. All Airborne C2 platforms, ships, F-14Ds, F3 and KKMC (Ground relay unit) are designated as relay platforms. [The information presented on the following pages is also presented in the connectivity matrix in Appendix D.](#)

1. RTT B (NPG 3)

- a. Participants: All units.
- b. Access: Contention Access (Value : 4 = 3 per 24 seconds)
- c. Capacity: 8 slots/frame
- d. Relay: None
- e. Assigned Net: Net 0
- f. Packing Limit: RTT
- g. Comments: None

2. PPLI A (NPG 5)

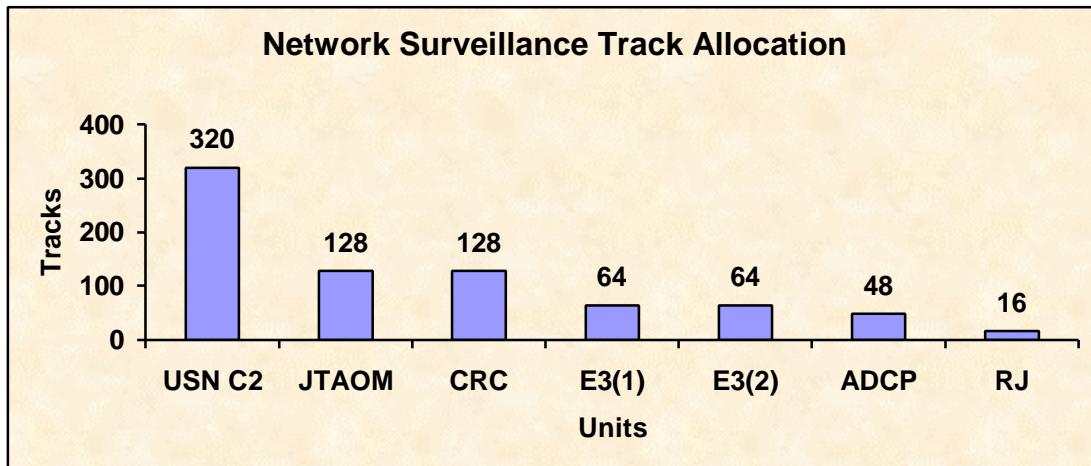
- a. Participants: F14D (high update rate)
- b. Access: Dedicated
- c. Capacity: 4 s/f/u; when combined with NPG 6, provides each fighter with an average 2-second PPLI update rate.
- d. Relay: None
- e. Assigned Net: Net 0
- f. Packing Limit: P2SP
- g. Comments: None

3. PPLI B (NPG 6)

- a. Participants: All units.
- b. Access: Dedicated
- c. Capacity:
 - (1) 1 s/f/u - Ships, E2C, E3, JTAOM, ADCP, RJ, CRC, AOC
 - (2) 2 s/f/u - F14D; when combined with NPG 5, provides each fighter with an average 2-second PPLI update rate.
- d. Relay: Yes
- e. Assigned Net: Net 0
- f. Packing Limit: P2SP
- g. Comments: None

4. SURVEILLANCE (NPG 7)

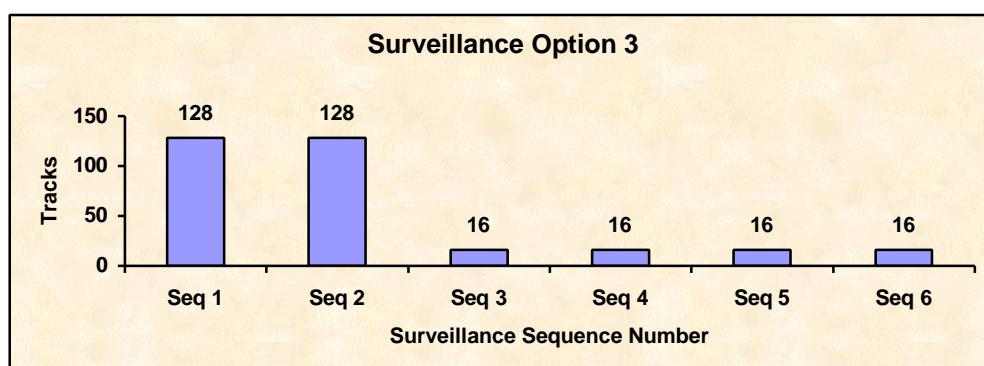
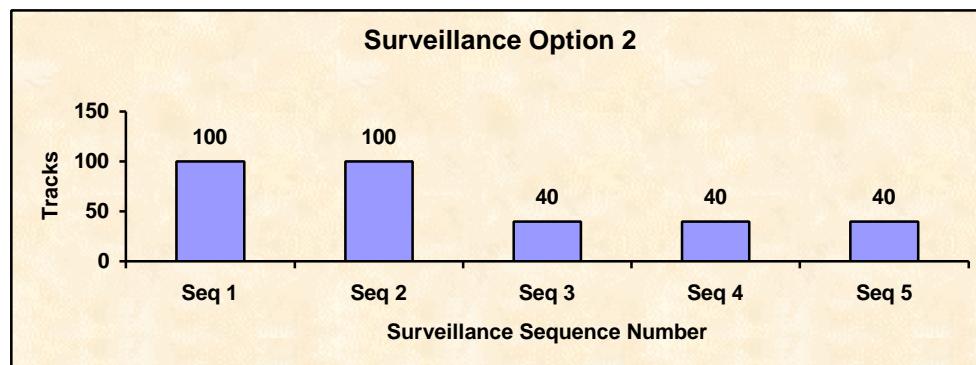
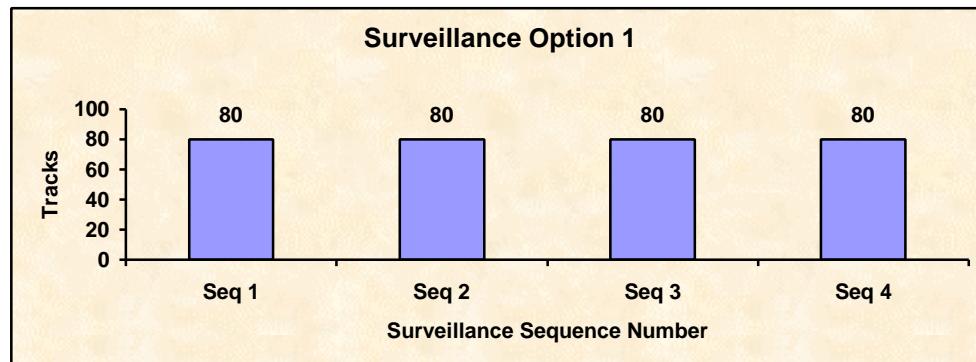
- a. Participants: All except AOC and F14D.
- b. Access: Dedicated
- c. Capacity:
 - (1) Ships/E2C - Option pool/160 total slots/320 Track capacity
 - (2) E3 - 32 s/f/u - 64 track capacity per unit; NPG track capacity 128
 - (3) RJ - 8 s/f/u - 16 track capacity per unit and NPG track capacity
 - (4) JTAOM/CRC - 64 s/f/u; 128 track capacity per unit; NPG track capacity 256
 - (5) ADCP - 24 s/f/u - 48 track capacity per unit and NPG track capacity
- d. Relay: Yes
- e. Assigned Net: Net 0
- f. Packing Limit: P2SP
- g. Comments: None

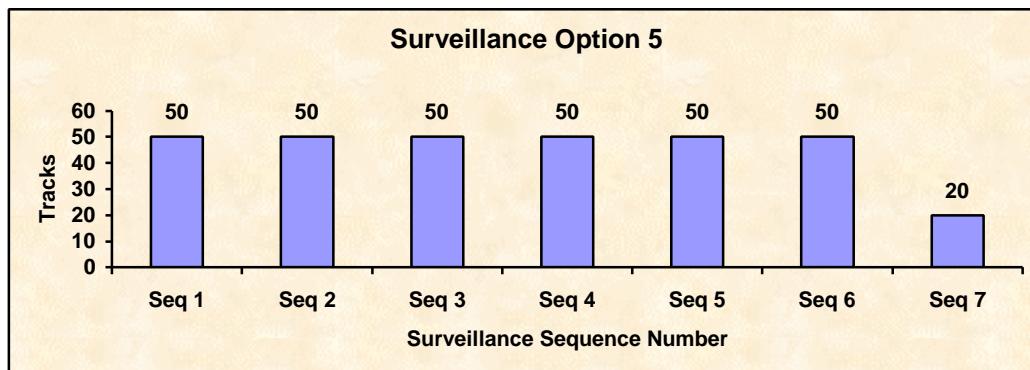
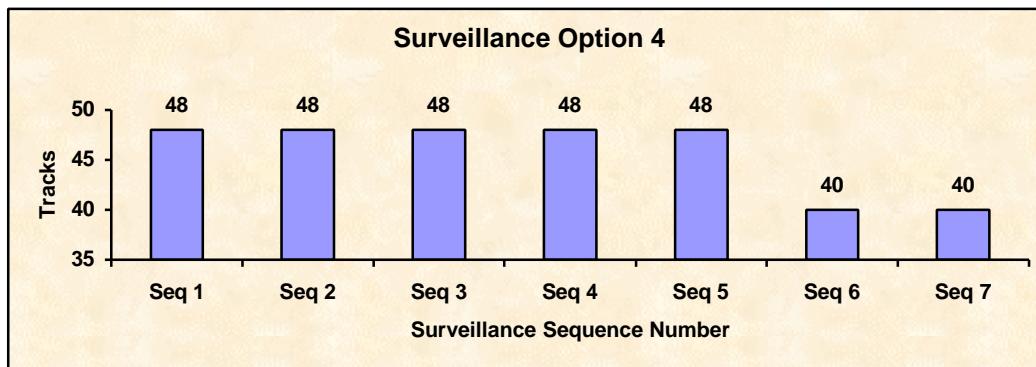
Total Network Surveillance Allocation Graph

- The above graph depicts the total allocation of 768 surveillance tracks in the network.

Surveillance Design File Option Table

Option Number	Surveillance Sequence Number/Tracks Per Unit/12 Sec						
	320 Total Track Capacity (Options 1 – 5)						
	1	2	3	4	5	6	7
1	80	80	80	80	-	-	-
2	100	100	40	40	40	-	-
3	128	128	16	16	16	16	-
4	48	48	48	48	48	40	40
5	50	50	50	50	50	50	20

Surveillance Design File Option Graphs



5. MISSION MANAGEMENT (NPG 8)

- a. Participants: Ships, E2C, E3, JTAOM, CRC, ADCP, AOC
- b. Access: Dedicated
- c. Capacity: 4 s/f/u - Ships, E2C, E3, JTAOM, CRC
2 s/f/u - ADCP and AOC
- d. Relay: Yes
- e. Assigned Net: Net 0
- f. Packing Limit: P2SP
- g. Comments: None

6. AIR CONTROL (NPG 9)

UPLINK

- a. Participants: Ships, E2C, E3, ADCP, CRC
- b. Access: Dedicated with slot reuse.
- c. Capacity: 16 slots/frame - each controller is allocated a common block for uplink transmissions.
- d. Relay: No
- e. Assigned Net: Net 0
- f. Packing Limit: P2SP
- g. Comments: None

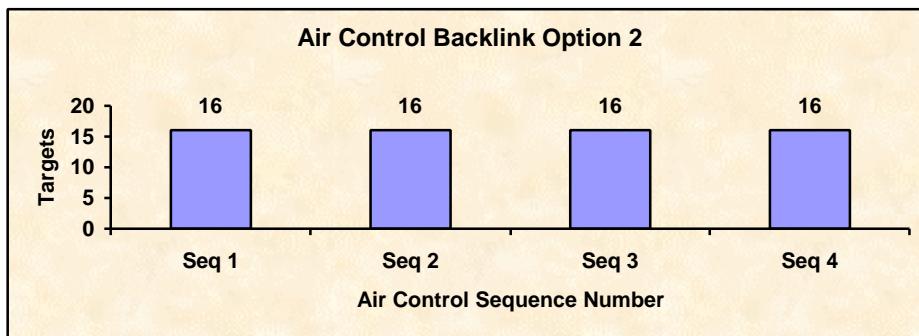
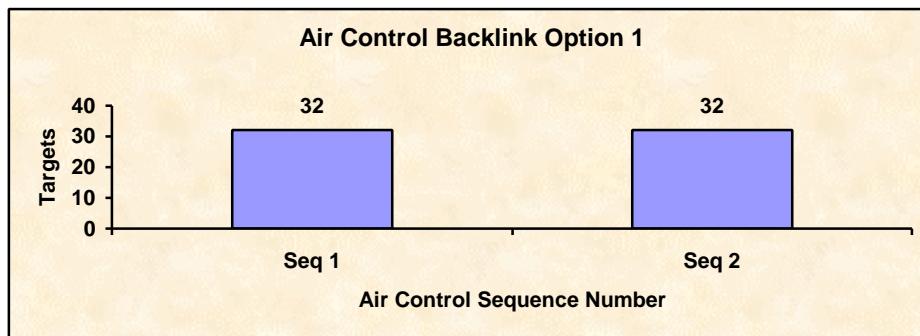
BACKLINK

- a. Participants: F14D
- b. Access: Dedicated
- c. Capacity: Option pool/64 slots/frame; F-14D target capacity ranges from 8 to 32 targets dependent upon the design file option selected; NPG target capacity 64 targets.
- d. Relay: No
- e. Assigned Net: Net 0
- f. Packing Limit: P2SP
- g. Comments: None

Air Control Backlink Options Table

Option Number	Air Control Sequence Number	Targets Per Unit
1	1 - 2	32
2	1 - 4	16

Air Control Backlink Graphs



7. ELECTRONIC WARFARE (NPG 10)

- a. Participants: Ships, E2C, E3 and RJ
- b. Access: Dedicated
- c. Capacity: 4 s/f/u
- d. Relay: Yes
- e. Assigned Net: Net 0
- f. Packing Limit: P2SP

g. Comments: None

8. VOICE A (NPG 12)

- a. Participants: All units , except JTOM, ADCP and AOC.
- b. Access: Push-to-Talk (PTT)
- c. Capacity: 64 slots/frame. All units allocated a common block of slots to support 2.4 Kbps voice.
- d. Relay: Yes
- e. Assigned Net: Net 0
- f. Packing Limit: P4SP
- g. Comments: None

9. INDIRECT PPLI (NPG 14)

- a. Participants: Ships
- b. Access: Dedicated with slot reuse.
- c. Capacity: 8 slots/frame
- d. Relay: Yes
- e. Assigned Net: Net 0
- f. Packing Limit: P2SP
- g. Comments: **When two Data Forwarders are employed simultaneously, they must be odd and even sequence numbered units. This will ensure all forwarded data can be received by all Link 16 participants.** Maximum of two simultaneous Data Forwarders may be assigned in order to forward two Link 11 nets onto the Link 16 network.

Note: *Some data loss may occur when two Data Forwarders attempt to simultaneously operate when they both have ODD or they both have EVEN "User Sequence Numbers". FJUA assignments must be an odd/even User Sequence Number combination.*

10. FIGHTER-TO-FIGHTER (NPG 19)**ADVISORY**

- a. Participants: E2C
- b. Access: Dedicated with slot reuse.
- c. Capacity: 2 slots/frame. Each E2C participant is allocated a limited capacity for transmission of force orders to the fighters.
- d. Relay: No
- e. Assigned Net: Net 0
- f. Packing Limit: P2SP
- g. Comments: None

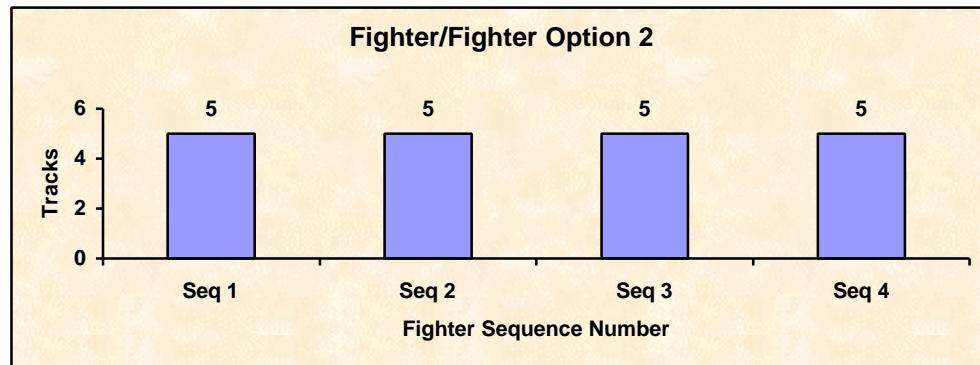
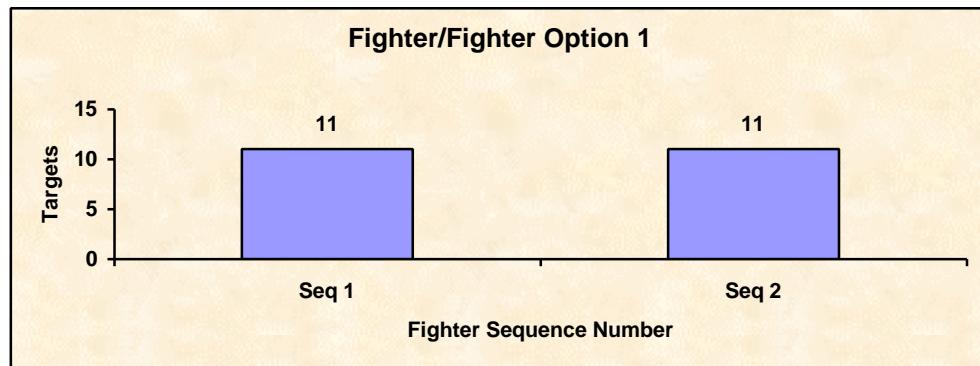
TARGETING

- a. Participants: F14D
- b. Access: Dedicated
- c. Capacity: 64 slots/frame - Option pool. The capacity of this NPG supports approximately 21 target data exchanges per twelve-second interval at a 2-second update rate. Each F-14D's allocation is dependent upon the design file option selected.
- d. Relay: No
- e. Assigned Net: Net 0
- f. Packing Limit: P2SP
- g. Comments: None

Fighter-to-Fighter Targeting Option Table

Option Number	Fighter to Fighter Sequence Number	Targets Per Unit
1	1 - 2	11
2	1 - 4	5

Fighter-to-Fighter Targeting Option Graphs



11. RESIDUAL MESSAGE (NPG 29)

- a. Participants: E-3, AOC
- b. Access: Dedicated
- c. Capacity: 4 s/f/u.
- d. Relay: No
- e. Assigned Net: Net 0
- f. Packing Limit: P2SP
- g. Comments: None

Appendix A

TIME SLOT ALLOCATIONS

This appendix contains time slot block assignments for all participants of the network. See [Appendix B](#) for the assigned option sequence number transmit time slot assignments for Navy surveillance participants.

This Page Intentionally Left Blank

SHIP (1)

Participant	Block		Total		Slot	Slot	Relay					
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN	Net	Delay
No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.						
SHIP(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	1	C	0	6	0	0
	3	T	8	4	4	17.1	1	B	3	8	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0
	5	T	10	4	4	25.1	1	B	7	8	0	0
	6	T	14	8	8	27.1	0	C	34	9	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	R	7	128	128	13.1	0	A	1	13	0	0
	9	R	7	128	128	14.1	0	A	3	13	0	0
	10	R	9	64	64	24.1	0	C	1	12	0	0
	11	Y	6	8	8	3.1	0	C	20	9	0	24
	12	Y	6	16	16	5.1	0	C	0	10	0	24
	13	Y	7	160	128	7.1	0	A	0	13	0	6
	14	Y	7		32	7.2	0	B	5	11	0	24
	15	Y	7	64	64	9.1	0	B	0	12	0	18
	16	Y	7	8	8	11.1	0	C	52	9	0	24
	17	Y	7	24	16	15.1	0	C	16	10	0	24
	18	Y	7		8	15.2	0	C	12	9	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	24
	20	Y	8		4	17.2	0	C	38	8	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	24
	24	Y	10		8	25.2	0	C	2	9	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	6

SHIP (2)

Participant	Block		Total		Slot	Slot	Slot		Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	A=Agg	Elem.	Set	Index	RRN	Net	Delay
No.	Type	Cat	Req'd	Req'd									
SHIP(2)	1	T	3	8	8	1.1	0	C	58	9	0	0	0
	2	T	6	1	1	5.1	2	C	256	6	0	0	0
	3	T	8	4	4	17.1	2	B	67	8	0	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0	0
	5	T	10	4	4	25.1	2	B	71	8	0	0	0
	6	T	14	8	8	29.1	0	C	26	9	0	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0	0
	8	R	7	128	128	13.1	0	A	1	13	0	0	0
	9	R	7	128	128	14.1	0	A	3	13	0	0	0
	10	R	9	64	64	24.1	0	C	1	12	0	0	0
	11	Y	6	8	8	3.1	0	C	20	9	0	0	24
	12	Y	6	16	16	5.1	0	C	0	10	0	0	24
	13	Y	7	160	128	7.1	0	A	0	13	0	0	6
	14	Y	7		32	7.2	0	B	5	11	0	0	24
	15	Y	7	64	64	9.1	0	B	0	12	0	0	18
	16	Y	7	8	8	11.1	0	C	52	9	0	0	24
	17	Y	7	24	16	15.1	0	C	16	10	0	0	24
	18	Y	7		8	15.2	0	C	12	9	0	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	0	24
	20	Y	8		4	17.2	0	C	38	8	0	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	0	24
	24	Y	10		8	25.2	0	C	2	9	0	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	0	6

SHIP (3)

Participant	Block			Total	Slot	Slot	Relay					
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN	Net	Delay
No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.	Set	Index	RRN	Net	Delay	
SHIP(3)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	3	C	128	6	0	0
	3	T	8	4	4	17.1	3	B	35	8	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0
	5	T	10	4	4	25.1	3	B	39	8	0	0
	6	T	14	8	8	27.1	0	C	34	9	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	R	7	128	128	13.1	0	A	1	13	0	0
	9	R	7	128	128	14.1	0	A	3	13	0	0
	10	R	9	64	64	24.1	0	C	1	12	0	0
	11	Y	6	8	8	3.1	0	C	20	9	0	24
	12	Y	6	16	16	5.1	0	C	0	10	0	24
	13	Y	7	160	128	7.1	0	A	0	13	0	6
	14	Y	7		32	7.2	0	B	5	11	0	24
	15	Y	7	64	64	9.1	0	B	0	12	0	18
	16	Y	7	8	8	11.1	0	C	52	9	0	24
	17	Y	7	24	16	15.1	0	C	16	10	0	24
	18	Y	7		8	15.2	0	C	12	9	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	24
	20	Y	8		4	17.2	0	C	38	8	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	24
	24	Y	10		8	25.2	0	C	2	9	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	6

SHIP (4)

Participant	Block		Total		Slot	Slot	Slot		Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Elem.	Set	Index	RRN	Net	Delay
No.	Type	Cat	Req'd	Req'd	A=Agg								
SHIP(4)	1	T	3	8	8	1.1	0	C	58	9	0	0	0
	2	T	6	1	1	5.1	4	C	384	6	0	0	0
	3	T	8	4	4	17.1	4	B	99	8	0	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0	0
	5	T	10	4	4	25.1	4	B	103	8	0	0	0
	6	T	14	8	8	29.1	0	C	26	9	0	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0	0
	8	R	7	128	128	13.1	0	A	1	13	0	0	0
	9	R	7	128	128	14.1	0	A	3	13	0	0	0
	10	R	9	64	64	24.1	0	C	1	12	0	0	0
	11	Y	6	8	8	3.1	0	C	20	9	0	24	
	12	Y	6	16	16	5.1	0	C	0	10	0	24	
	13	Y	7	160	128	7.1	0	A	0	13	0	6	
	14	Y	7		32	7.2	0	B	5	11	0	24	
	15	Y	7	64	64	9.1	0	B	0	12	0	18	
	16	Y	7	8	8	11.1	0	C	52	9	0	24	
	17	Y	7	24	16	15.1	0	C	16	10	0	24	
	18	Y	7		8	15.2	0	C	12	9	0	18	
	19	Y	8	36	32	17.1	0	B	3	11	0	24	
	20	Y	8		4	17.2	0	C	38	8	0	24	
	21	Y	8	8	8	19.1	0	C	44	9	0	18	
	22	Y	8	4	4	21.1	0	C	102	8	0	24	
	23	Y	10	40	32	25.1	0	B	7	11	0	24	
	24	Y	10		8	25.2	0	C	2	9	0	24	
	25	Y	14	8	8	27.1	0	C	34	9	0	24	
	26	Y	14	8	8	29.1	0	C	26	9	0	12	
	27	Y	12	64	64	33.1	0	B	2	12	0	6	

SHIP (5)

Participant	Block			Total	Slot	Slot	Slot	Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN	Net	Delay
No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.						
SHIP(5)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	5	C	64	6	0	0
	3	T	8	4	4	17.1	5	B	19	8	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0
	5	T	10	4	4	25.1	5	B	23	8	0	0
	6	T	14	8	8	27.1	0	C	34	9	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	R	7	128	128	13.1	0	A	1	13	0	0
	9	R	7	128	128	14.1	0	A	3	13	0	0
	10	R	9	64	64	24.1	0	C	1	12	0	0
	11	Y	6	8	8	3.1	0	C	20	9	0	24
	12	Y	6	16	16	5.1	0	C	0	10	0	24
	13	Y	7	160	128	7.1	0	A	0	13	0	6
	14	Y	7		32	7.2	0	B	5	11	0	24
	15	Y	7	64	64	9.1	0	B	0	12	0	18
	16	Y	7	8	8	11.1	0	C	52	9	0	24
	17	Y	7	24	16	15.1	0	C	16	10	0	24
	18	Y	7		8	15.2	0	C	12	9	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	24
	20	Y	8		4	17.2	0	C	38	8	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	24
	24	Y	10		8	25.2	0	C	2	9	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	6

E-2C(1)

Participant	Block		Total		Slot	Slot	Slot		Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	Group	A=Agg	Elem.	Set	Index	RRN	Net Delay
	No.	Type	Cat	Req'd	Req'd								
E2C(1)	1	T	3	8	8	1.1	0	C	58	9	0	0	0
	2	T	6	1	1	5.1	6	C	320	6	0	0	0
	3	T	8	4	4	17.1	6	B	83	8	0	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0	0
	5	T	10	4	4	25.1	6	B	87	8	0	0	0
	6	T	19	2	2	31.1	0	C	86	7	0	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0	0
	8	R	9	64	64	24.1	0	C	1	12	0	0	0
	9	R	19	64	64	32.1	0	B	1	12	0	0	0
	10	Y	6	8	8	3.1	0	C	20	9	0	24	
	11	Y	6	16	16	5.1	0	C	0	10	0	24	
	12	Y	7	160	128	7.1	0	A	0	13	0	6	
	13	Y	7		32	7.2	0	B	5	11	0	24	
	14	Y	7	64	64	9.1	0	B	0	12	0	18	
	15	Y	7	8	8	11.1	0	C	52	9	0	24	
	16	Y	7	128	128	13.1	0	A	1	13	0	6	
	17	Y	7	24	16	15.1	0	C	16	10	0	24	
	18	Y	7		8	15.2	0	C	12	9	0	18	
	19	Y	8	36	32	17.1	0	B	3	11	0	24	
	20	Y	8		4	17.2	0	C	38	8	0	24	
	21	Y	8	8	8	19.1	0	C	44	9	0	18	
	22	Y	8	4	4	21.1	0	C	102	8	0	24	
	23	Y	10	40	32	25.1	0	B	7	11	0	24	
	24	Y	10		8	25.2	0	C	2	9	0	24	
	25	Y	14	8	8	27.1	0	C	34	9	0	24	
	26	Y	14	8	8	29.1	0	C	26	9	0	12	
	27	Y	12	64	64	33.1	0	B	2	12	0	6	

E-2C(2)

Participant	Block		Total		Slot	Slot	Relay					
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN	Net	Delay
No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.						
E2C(2)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	7	C	192	6	0	0
	3	T	8	4	4	17.1	7	B	51	8	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0
	5	T	10	4	4	25.1	7	B	55	8	0	0
	6	T	19	2	2	31.1	0	C	86	7	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	R	9	64	64	24.1	0	C	1	12	0	0
	9	R	19	64	64	32.1	0	B	1	12	0	0
	10	Y	6	8	8	3.1	0	C	20	9	0	24
	11	Y	6	16	16	5.1	0	C	0	10	0	24
	12	Y	7	160	128	7.1	0	A	0	13	0	6
	13	Y	7		32	7.2	0	B	5	11	0	24
	14	Y	7	64	64	9.1	0	B	0	12	0	18
	15	Y	7	8	8	11.1	0	C	52	9	0	24
	16	Y	7	128	128	13.1	0	A	1	13	0	6
	17	Y	7	24	16	15.1	0	C	16	10	0	24
	18	Y	7		8	15.2	0	C	12	9	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	24
	20	Y	8		4	17.2	0	C	38	8	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	24
	24	Y	10		8	25.2	0	C	2	9	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	6

F-14D(1)

Participant	Block			Total	Slot	Slot	Slot	Relay						
	Id.	Slot	Msg	Slots	Blocks	Group	Group	A=Agg	Elem.	Set	Index	RRN	Net	Delay
No.	Type	Cat	Req'd	Req'd										
F14D(1)	1	T	3	8	8	1.1	0	C	58	9	0	0	0	0
	2	T	5	4	4	2.1	1	C	4	8	0	0	0	0
	3	T	6	2	2	3.1	1	C	20	7	0	0	0	0
	4	T	12	64	64	33.1	0	B	2	12	0	0	0	0
	5	R	5	16	16	2.1	0	C	4	10	0	0	0	0
	6	R	9	16	16	23.1	0	C	5	10	0	0	0	0
	7	R	19	2	2	31.1	0	C	86	7	0	0	0	0
	8	R	19	64	64	32.1	0	B	1	12	0	0	0	0
	9	Y	6	8	8	3.1	0	C	20	9	0	0	24	
	10	Y	6	16	16	5.1	0	C	0	10	0	0	24	
	11	Y	7	160	128	7.1	0	A	0	13	0	0	6	
	12	Y	7		32	7.2	0	B	5	11	0	0	24	
	13	Y	7	64	64	9.1	0	B	0	12	0	0	18	
	14	Y	7	8	8	11.1	0	C	52	9	0	0	24	
	15	Y	7	128	128	13.1	0	A	1	13	0	0	6	
	16	Y	7	24	16	15.1	0	C	16	10	0	0	24	
	17	Y	7		8	15.2	0	C	12	9	0	0	18	
	18	Y	8	36	32	17.1	0	B	3	11	0	0	24	
	19	Y	8		4	17.2	0	C	38	8	0	0	24	
	20	Y	8	8	8	19.1	0	C	44	9	0	0	18	
	21	Y	8	4	4	21.1	0	C	102	8	0	0	24	
	22	Y	10	40	32	25.1	0	B	7	11	0	0	24	
	23	Y	10		8	25.2	0	C	2	9	0	0	24	
	24	Y	14	8	8	27.1	0	C	34	9	0	0	24	
	25	Y	14	8	8	29.1	0	C	26	9	0	0	12	
	26	Y	12	64	64	33.1	0	B	2	12	0	0	6	

F-14D(2)

Participant	Block			Total	Slot	Slot	Slot	Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN	Net	Delay
	No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.					
F14D(2)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	5	4	4	2.1	2	C	68	8	0	0
	3	T	6	2	2	3.1	2	C	148	7	0	0
	4	T	12	64	64	33.1	0	B	2	12	0	0
	5	R	5	16	16	2.1	0	C	4	10	0	0
	6	R	9	16	16	23.1	0	C	5	10	0	0
	7	R	19	2	2	31.1	0	C	86	7	0	0
	8	R	19	64	64	32.1	0	B	1	12	0	0
	9	Y	6	8	8	3.1	0	C	20	9	0	24
	10	Y	6	16	16	5.1	0	C	0	10	0	24
	11	Y	7	160	128	7.1	0	A	0	13	0	6
	12	Y	7		32	7.2	0	B	5	11	0	24
	13	Y	7	64	64	9.1	0	B	0	12	0	18
	14	Y	7	8	8	11.1	0	C	52	9	0	24
	15	Y	7	128	128	13.1	0	A	1	13	0	6
	16	Y	7	24	16	15.1	0	C	16	10	0	24
	17	Y	7		8	15.2	0	C	12	9	0	18
	18	Y	8	36	32	17.1	0	B	3	11	0	24
	19	Y	8		4	17.2	0	C	38	8	0	24
	20	Y	8	8	8	19.1	0	C	44	9	0	18
	21	Y	8	4	4	21.1	0	C	102	8	0	24
	22	Y	10	40	32	25.1	0	B	7	11	0	24
	23	Y	10		8	25.2	0	C	2	9	0	24
	24	Y	14	8	8	27.1	0	C	34	9	0	24
	25	Y	14	8	8	29.1	0	C	26	9	0	12
	26	Y	12	64	64	33.1	0	B	2	12	0	6

F-14D(3)

Participant	Block		Total		Slot	Slot	Slot		Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	Group	A=Agg	Elem.	Set	Index	RRN	Net Delay
F14D(3)	1	T	3	8	8	1.1	0	C	58	9	0	0	0
	2	T	5	4	4	2.1	3	C	36	8	0	0	0
	3	T	6	2	2	3.1	3	C	84	7	0	0	0
	4	T	12	64	64	33.1	0	B	2	12	0	0	0
	5	R	5	16	16	2.1	0	C	4	10	0	0	0
	6	R	9	16	16	23.1	0	C	5	10	0	0	0
	7	R	19	2	2	31.1	0	C	86	7	0	0	0
	8	R	19	64	64	32.1	0	B	1	12	0	0	0
	9	Y	6	8	8	3.1	0	C	20	9	0	0	24
	10	Y	6	16	16	5.1	0	C	0	10	0	0	24
	11	Y	7	160	128	7.1	0	A	0	13	0	0	6
	12	Y	7		32	7.2	0	B	5	11	0	0	24
	13	Y	7	64	64	9.1	0	B	0	12	0	0	18
	14	Y	7	8	8	11.1	0	C	52	9	0	0	24
	15	Y	7	128	128	13.1	0	A	1	13	0	0	6
	16	Y	7	24	16	15.1	0	C	16	10	0	0	24
	17	Y	7		8	15.2	0	C	12	9	0	0	18
	18	Y	8	36	32	17.1	0	B	3	11	0	0	24
	19	Y	8		4	17.2	0	C	38	8	0	0	24
	20	Y	8	8	8	19.1	0	C	44	9	0	0	18
	21	Y	8	4	4	21.1	0	C	102	8	0	0	24
	22	Y	10	40	32	25.1	0	B	7	11	0	0	24
	23	Y	10		8	25.2	0	C	2	9	0	0	24
	24	Y	14	8	8	27.1	0	C	34	9	0	0	24
	25	Y	14	8	8	29.1	0	C	26	9	0	0	12
	26	Y	12	64	64	33.1	0	B	2	12	0	0	6

F-14D(4)

Participant	Block			Total	Slot	Slot	Slot	Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN	Net	Delay
	No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.					
F14D(4)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	5	4	4	2.1	4	C	100	8	0	0
	3	T	6	2	2	3.1	4	C	212	7	0	0
	4	T	12	64	64	33.1	0	B	2	12	0	0
	5	R	5	16	16	2.1	0	C	4	10	0	0
	6	R	9	16	16	23.1	0	C	5	10	0	0
	7	R	19	2	2	31.1	0	C	86	7	0	0
	8	R	19	64	64	32.1	0	B	1	12	0	0
	9	Y	6	8	8	3.1	0	C	20	9	0	24
	10	Y	6	16	16	5.1	0	C	0	10	0	24
	11	Y	7	160	128	7.1	0	A	0	13	0	6
	12	Y	7		32	7.2	0	B	5	11	0	24
	13	Y	7	64	64	9.1	0	B	0	12	0	18
	14	Y	7	8	8	11.1	0	C	52	9	0	24
	15	Y	7	128	128	13.1	0	A	1	13	0	6
	16	Y	7	24	16	15.1	0	C	16	10	0	24
	17	Y	7		8	15.2	0	C	12	9	0	18
	18	Y	8	36	32	17.1	0	B	3	11	0	24
	19	Y	8		4	17.2	0	C	38	8	0	24
	20	Y	8	8	8	19.1	0	C	44	9	0	18
	21	Y	8	4	4	21.1	0	C	102	8	0	24
	22	Y	10	40	32	25.1	0	B	7	11	0	24
	23	Y	10		8	25.2	0	C	2	9	0	24
	24	Y	14	8	8	27.1	0	C	34	9	0	24
	25	Y	14	8	8	29.1	0	C	26	9	0	12
	26	Y	12	64	64	33.1	0	B	2	12	0	6

JTAOM(1)

Participant	Block			Total	Slot	Slot	Slot	Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	Group					
	No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.	Set	Index	RRN	Net	Delay
JTAOM(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	8	C	448	6	0	0
	3	T	7	64	64	13.1	1	A	1	12	0	0
	4	T	8	4	4	19.1	1	C	44	8	0	0
	5	T	9	16	16	23.1	0	C	5	10	0	0
	6	R	6	8	8	3.1	0	C	20	9	0	0
	7	R	6	8	8	4.1	0	C	28	9	0	0
	8	R	6	16	16	5.1	0	C	0	10	0	0
	9	R	6	16	16	6.1	0	C	8	10	0	0
	10	R	7	160	128	7.1	0	A	0	13	0	0
	11	R	7		32	7.2	0	B	5	11	0	0
	12	R	7	160	128	8.1	0	A	2	13	0	0
	13	R	7		32	8.2	0	B	13	11	0	0
	14	R	7	64	64	9.1	0	B	0	12	0	0
	15	R	7	64	64	10.1	0	B	6	12	0	0
	16	R	7	8	8	11.1	0	C	52	9	0	0
	17	R	7	8	8	12.1	0	C	60	9	0	0
	18	R	7	128	128	13.1	0	A	1	13	0	0
	19	R	7	128	128	14.1	0	A	3	13	0	0
	20	R	7	24	16	15.1	0	C	16	10	0	0
	21	R	7		8	15.2	0	C	12	9	0	0
	22	R	7	24	16	16.1	0	C	24	10	0	0
	23	R	7		8	16.2	0	C	18	9	0	0
	24	R	8	36	32	17.1	0	B	3	11	0	24
	25	R	8		4	17.2	0	C	38	8	0	24
	26	R	8	8	8	19.1	0	C	44	9	0	18
	27	R	8	4	4	21.1	0	C	102	8	0	24
	28	R	9	64	64	24.1	0	C	1	12	0	0
	29	R	10	40	32	25.1	0	B	7	11	0	24
	30	R	10		8	25.2	0	C	2	9	0	24
	31	R	14	8	8	27.1	0	C	34	9	0	0
	32	R	14	8	8	28.1	0	C	42	9	0	0
	33	R	14	8	8	29.1	0	C	26	9	0	0
	34	R	14	8	8	30.1	0	C	30	9	0	0

ADCP(1)

Participant	Block			Total	Slot	Slot	Slot	Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN	Net	Delay
	No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.					
ADCP(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	9	C	32	6	0	0
	3	T	7	24	16	15.1	0	C	16	10	0	0
	4	T	7		8	15.2	0	C	12	9	0	0
	5	T	8	2	2	21.1	1	C	102	7	0	0
	6	R	6	8	8	3.1	0	C	20	9	0	0
	7	R	6	8	8	4.1	0	C	28	9	0	0
	8	R	6	16	16	5.1	0	C	0	10	0	0
	9	R	6	16	16	6.1	0	C	8	10	0	0
	10	R	7	160	128	7.1	0	A	0	13	0	0
	11	R	7		32	7.2	0	B	5	11	0	0
	12	R	7	160	128	8.1	0	A	2	13	0	0
	13	R	7		32	8.2	0	B	13	11	0	0
	14	R	7	64	64	9.1	0	B	0	12	0	0
	15	R	7	64	64	10.1	0	B	6	12	0	0
	16	R	7	8	8	11.1	0	C	52	9	0	0
	17	R	7	8	8	12.1	0	C	60	9	0	0
	18	R	7	128	128	13.1	0	A	1	13	0	0
	19	R	7	128	128	14.1	0	A	3	13	0	0
	20	R	7	24	16	16.1	0	C	24	10	0	0
	21	R	7		8	16.2	0	C	18	9	0	0
	22	R	8	36	32	17.1	0	B	3	11	0	24
	23	R	8		4	17.2	0	C	38	8	0	24
	24	R	8	8	8	19.1	0	C	44	9	0	18
	25	R	8	4	4	21.1	0	C	102	8	0	24
	26	R	9	16	16	23.1	0	C	5	10	0	0
	27	R	9	64	64	24.1	0	C	1	12	0	0
	28	R	10	40	32	25.1	0	B	7	11	0	24
	29	R	10		8	25.2	0	C	2	9	0	24
	30	R	14	8	8	27.1	0	C	34	9	0	0
	31	R	14	8	8	28.1	0	C	42	9	0	0
	32	R	14	8	8	29.1	0	C	26	9	0	0
	33	R	14	8	8	30.1	0	C	30	9	0	0

E3(1)

Participant	Block			Total	Slot	Slot	Relay					
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN	Net	Delay
	No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.					
E3(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	10	C	288	6	0	0
	3	T	7	32	32	9.1	1	B	0	11	0	0
	4	T	8	4	4	17.1	8	B	115	8	0	0
	5	T	9	16	16	23.1	0	C	5	10	0	0
	6	T	10	4	4	25.1	8	B	119	8	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	T	29	4	4	35.1	1	C	6	8	0	0
	9	R	9	64	64	24.1	0	C	1	12	0	0
	10	R	29	12	8	35.1	0	C	6	9	0	0
	11	R	29		4	35.2	0	C	22	8	0	0
	12	Y	6	8	8	3.1	0	C	20	9	0	24
	13	Y	6	16	16	5.1	0	C	0	10	0	24
	14	Y	7	160	128	7.1	0	A	0	13	0	6
	15	Y	7		32	7.2	0	B	5	11	0	24
	16	Y	7	64	64	9.1	0	B	0	12	0	18
	17	Y	7	8	8	11.1	0	C	52	9	0	24
	18	Y	7	128	128	13.1	0	A	1	13	0	6
	19	Y	7	24	16	15.1	0	C	16	10	0	24
	20	Y	7		8	15.2	0	C	12	9	0	18
	21	Y	8	36	32	17.1	0	B	3	11	0	24
	22	Y	8		4	17.2	0	C	38	8	0	24
	23	Y	8	8	8	19.1	0	C	44	9	0	18
	24	Y	8	4	4	21.1	0	C	102	8	0	24
	25	Y	10	40	32	25.1	0	B	7	11	0	24
	26	Y	10		8	25.2	0	C	2	9	0	24
	27	Y	14	8	8	27.1	0	C	34	9	0	24
	28	Y	14	8	8	29.1	0	C	26	9	0	12
	29	Y	12	64	64	33.1	0	B	2	12	0	6

E3(2)

Participant	Block			Total	Slot	Slot	Slot	Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN	Net	Delay
	No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.					
E3(2)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	11	C	160	6	0	0
	3	T	7	32	32	9.1	2	B	8	11	0	0
	4	T	8	4	4	17.2	9	C	38	8	0	0
	5	T	9	16	16	23.1	0	C	5	10	0	0
	6	T	10	4	4	25.2	9	C	2	8	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	T	29	4	4	35.1	2	C	70	8	0	0
	9	R	9	64	64	24.1	0	C	1	12	0	0
	10	R	29	12	8	35.1	0	C	6	9	0	0
	11	R	29		4	35.2	0	C	22	8	0	0
	12	Y	6	8	8	3.1	0	C	20	9	0	24
	13	Y	6	16	16	5.1	0	C	0	10	0	24
	14	Y	7	160	128	7.1	0	A	0	13	0	6
	15	Y	7		32	7.2	0	B	5	11	0	24
	16	Y	7	64	64	9.1	0	B	0	12	0	18
	17	Y	7	8	8	11.1	0	C	52	9	0	24
	18	Y	7	128	128	13.1	0	A	1	13	0	6
	19	Y	7	24	16	15.1	0	C	16	10	0	24
	20	Y	7		8	15.2	0	C	12	9	0	18
	21	Y	8	36	32	17.1	0	B	3	11	0	24
	22	Y	8		4	17.2	0	C	38	8	0	24
	23	Y	8	8	8	19.1	0	C	44	9	0	18
	24	Y	8	4	4	21.1	0	C	102	8	0	24
	25	Y	10	40	32	25.1	0	B	7	11	0	24
	26	Y	10		8	25.2	0	C	2	9	0	24
	27	Y	14	8	8	27.1	0	C	34	9	0	24
	28	Y	14	8	8	29.1	0	C	26	9	0	12
	29	Y	12	64	64	33.1	0	B	2	12	0	6

RJ(1)

Participant	Block			Total	Slot	Slot	Slot	Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN	Net	Delay
	No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.					
RJ(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	12	C	416	6	0	0
	3	T	7	8	8	11.1	0	C	52	9	0	0
	4	T	10	4	4	25.2	10	C	66	8	0	0
	5	T	12	64	64	33.1	0	B	2	12	0	0
	6	R	9	16	16	23.1	0	C	5	10	0	0
	7	R	9	64	64	24.1	0	C	1	12	0	0
	8	Y	6	8	8	3.1	0	C	20	9	0	24
	9	Y	6	16	16	5.1	0	C	0	10	0	24
	10	Y	7	160	128	7.1	0	A	0	13	0	6
	11	Y	7		32	7.2	0	B	5	11	0	24
	12	Y	7	64	64	9.1	0	B	0	12	0	18
	13	Y	7	8	8	11.1	0	C	52	9	0	24
	14	Y	7	128	128	13.1	0	A	1	13	0	6
	15	Y	7	24	16	15.1	0	C	16	10	0	24
	16	Y	7		8	15.2	0	C	12	9	0	18
	17	Y	8	36	32	17.1	0	B	3	11	0	24
	18	Y	8		4	17.2	0	C	38	8	0	24
	19	Y	8	8	8	19.1	0	C	44	9	0	18
	20	Y	8	4	4	21.1	0	C	102	8	0	24
	21	Y	10	40	32	25.1	0	B	7	11	0	24
	22	Y	10		8	25.2	0	C	2	9	0	24
	23	Y	14	8	8	27.1	0	C	34	9	0	24
	24	Y	14	8	8	29.1	0	C	26	9	0	12
	25	Y	12	64	64	33.1	0	B	2	12	0	6

CRC(1)

Participant	Block Id.	Slot		Total Slots	Slot Blocks	Slot Group	Slot Group	Relay				
		No.	Type	Msg Cat	Req'd	Req'd	A=Agg	Elem.	Set	Index	RRN	Net Delay
CRC(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	13	C	96	6	0	0
	3	T	7	64	64	13.1	2	A	5	12	0	0
	4	T	8	4	4	19.1	2	C	108	8	0	0
	5	T	9	16	16	23.1	0	C	5	10	0	0
	6	T	12	64	64	33.1	0	B	2	12	0	6
	7	R	6	8	8	3.1	0	C	20	9	0	0
	8	R	6	8	8	4.1	0	C	28	9	0	0
	9	R	6	16	16	5.1	0	C	0	10	0	0
	10	R	6	16	16	6.1	0	C	8	10	0	0
	11	R	7	160	128	7.1	0	A	0	13	0	0
	12	R	7		32	7.2	0	B	5	11	0	0
	13	R	7	160	128	8.1	0	A	2	13	0	0
	14	R	7		32	8.2	0	B	13	11	0	0
	15	R	7	64	64	9.1	0	B	0	12	0	0
	16	R	7	64	64	10.1	0	B	6	12	0	0
	17	R	7	8	8	11.1	0	C	52	9	0	0
	18	R	7	8	8	12.1	0	C	60	9	0	0
	19	R	7	128	128	13.1	0	A	1	13	0	0
	20	R	7	128	128	14.1	0	A	3	13	0	0
	21	R	7	24	16	15.1	0	C	16	10	0	0
	22	R	7		8	15.2	0	C	12	9	0	0
	23	R	7	24	16	16.1	0	C	24	10	0	0
	24	R	7		8	16.2	0	C	18	9	0	0
	25	R	8	36	32	17.1	0	B	3	11	0	24
	26	R	8		4	17.2	0	C	38	8	0	24
	27	R	8	8	8	19.1	0	C	44	9	0	18
	28	R	8	4	4	21.1	0	C	102	8	0	24
	29	R	9	64	64	24.1	0	C	1	12	0	0
	30	R	10	40	32	25.1	0	B	7	11	0	24
	31	R	10		8	25.2	0	C	2	9	0	24
	32	R	14	8	8	27.1	0	C	34	9	0	0
	33	R	14	8	8	28.1	0	C	42	9	0	0
	34	R	14	8	8	29.1	0	C	26	9	0	0
	35	R	14	8	8	30.1	0	C	30	9	0	0

AOC(1)

Participant	Block		Total		Slot	Slot	Slot		Relay				
	Id.	Slot	Msg	Slots	Blocks	Group	Group	Elem.	Set	Index	RRN	Net	Delay
No.	Type	Cat	Req'd	Req'd	A=Agg								
AOC(1)	1	T	3	8	8	1.1	0	C	58	9	0	0	0
	2	T	6	1	1	5.1	14	C	352	6	0	0	0
	3	T	8	2	2	21.1	2	C	230	7	0	0	0
	4	T	29	4	4	35.2	3	C	22	8	0	0	0
	5	R	6	8	8	3.1	0	C	20	9	0	0	0
	6	R	6	8	8	4.1	0	C	28	9	0	0	0
	7	R	6	16	16	5.1	0	C	0	10	0	0	0
	8	R	6	16	16	6.1	0	C	8	10	0	0	0
	9	R	7	160	128	7.1	0	A	0	13	0	0	0
	10	R	7		32	7.2	0	B	5	11	0	0	0
	11	R	7	160	128	8.1	0	A	2	13	0	0	0
	12	R	7		32	8.2	0	B	13	11	0	0	0
	13	R	7	64	64	9.1	0	B	0	12	0	0	0
	14	R	7	64	64	10.1	0	B	6	12	0	0	0
	15	R	7	8	8	11.1	0	C	52	9	0	0	0
	16	R	7	8	8	12.1	0	C	60	9	0	0	0
	17	R	7	128	128	13.1	0	A	1	13	0	0	0
	18	R	7	128	128	14.1	0	A	3	13	0	0	0
	19	R	7	24	16	15.1	0	C	16	10	0	0	0
	20	R	7		8	15.2	0	C	12	9	0	0	0
	21	R	7	24	16	16.1	0	C	24	10	0	0	0
	22	R	7		8	16.2	0	C	18	9	0	0	0
	23	R	8	36	32	17.1	0	B	3	11	0	24	
	24	R	8		4	17.2	0	C	38	8	0	24	
	25	R	8	8	8	19.1	0	C	44	9	0	18	
	26	R	8	4	4	21.1	0	C	102	8	0	24	
	27	R	9	16	16	23.1	0	C	5	10	0	0	
	28	R	9	64	64	24.1	0	C	1	12	0	0	
	29	R	10	40	32	25.1	0	B	7	11	0	24	
	30	R	10		8	25.2	0	C	2	9	0	24	
	31	R	14	8	8	27.1	0	C	34	9	0	0	
	32	R	14	8	8	28.1	0	C	42	9	0	0	
	33	R	14	8	8	29.1	0	C	26	9	0	0	
	34	R	14	8	8	30.1	0	C	30	9	0	0	
	35	R	29	12	8	35.1	0	C	6	9	0	0	
	36	R	29		4	35.2	0	C	22	8	0	0	

Appendix B

OPTION TIME SLOT ASSIGNMENTS

SURVEILLANCE OPTIONS (NPG-7)

AIR CONTROL BACKLINK OPTIONS (NPG-9)

FIGHTER-TO-FIGHTER BACKLINK OPTIONS (NPG-19)

This appendix contains listings of the time slot block assignments for each of the design file options available in the network for Surveillance, Air Control and Fighter-to-Fighter NPGs for USN C2 units and F-14Ds. The listing of sequence numbers are shown in parenthesis for each of the options, i.e., Sequence (N), where N is the sequence number.

This Page Intentionally Left Blank

SURVEILLANCE OPTION 1

Participant	Slot		Total	Slot	Slot	Slot	Time	Slots Assigned			
	Block	Slot	Msg	Slots	Blocks	Group	Group	-----			
	No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.	Set	Index	RRN	Net
Surveillance Sequence Number (1)											
C2(1)	1	T	7	40	32	7.1	1	A	0	11	0
	2	T	7		8	7.2	1	B	5	9	0
Surveillance Sequence Number (2)											
C2(2)	1	T	7	40	32	7.1	2	A	8	11	0
	2	T	7		8	7.2	2	B	37	9	0
Surveillance Sequence Number (3)											
C2(3)	1	T	7	40	32	7.1	3	A	4	11	0
	2	T	7		8	7.2	3	B	21	9	0
Surveillance Sequence Number (4)											
C2(4)	1	T	7	40	32	7.1	4	A	12	11	0
	2	T	7		8	7.2	4	B	53	9	0

SURVEILLANCE OPTION 2

Participant	Slot	Total		Slot	Slot	Slot	Time Slots Assigned				
	Block	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN Net	
	No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.				
Surveillance Sequence Number (1)											
C2(1)	1	T	7	50	32	7.1	1	A	0	11	0
	2	T	7		16	7.1	1	A	4	10	0
	3	T	7		2	7.2	1	B	117	7	0
Surveillance Sequence Number (2)											
C2(2)	1	T	7	50	32	7.1	2	A	8	11	0
	2	T	7		16	7.1	2	A	20	10	0
	3	T	7		2	7.2	2	B	245	7	0
Surveillance Sequence Number (3)											
C2(3)	1	T	7	20	16	7.1	3	A	12	10	0
	2	T	7		4	7.2	3	B	21	8	0
Surveillance Sequence Number (4)											
C2(4)	1	T	7	20	16	7.1	4	A	28	10	0
	2	T	7		4	7.2	4	B	85	8	0
Surveillance Sequence Number (5)											
C2(5)	1	T	7	20	16	7.2	5	B	5	10	0
	2	T	7		4	7.2	5	B	53	8	0

SURVEILLANCE OPTION 3

Participant	Slot	Total	Slot	Slot	Slot	Time	Slots	Assigned				
	Block	Slot	Msg	Slots	Blocks	Group	Group	-----				
	No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.	Set	Index	RRN	Net	
Surveillance Sequence Number (1)												
	C2(1)	1	T	7	64	64	7.1	1	A	0	12	0
Surveillance Sequence Number (2)												
	C2(2)	1	T	7	64	64	7.1	2	A	4	12	0
Surveillance Sequence Number (3)												
	C2(3)	1	T	7	8	8	7.2	3	B	5	9	0
Surveillance Sequence Number (4)												
	C2(4)	1	T	7	8	8	7.2	4	B	37	9	0
Surveillance Sequence Number (5)												
	C2(5)	1	T	7	8	8	7.2	5	B	21	9	0
Surveillance Sequence Number (6)												
	C2(6)	1	T	7	8	8	7.2	6	B	53	9	0

SURVEILLANCE OPTION 4

Participant	Slot	Total	Slot	Slot	Slot	Time	SLOTS	Assigned			
	Block	Slot	Msg	Slots	Blocks	Group	Group	-----			
Participant	No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.	Set	Index	RRN	Net
Surveillance Sequence Number (1)											
C2(1)	1	T	7	24	16	7.1	1	A	0	10	0
	2	T	7		8	7.1	1	A	28	9	0
Surveillance Sequence Number (2)											
C2(2)	1	T	7	24	16	7.1	2	A	16	10	0
	2	T	7		8	7.1	2	A	60	9	0
Surveillance Sequence Number (3)											
C2(3)	1	T	7	24	16	7.1	3	A	8	10	0
	2	T	7		8	7.2	3	B	5	9	0
Surveillance Sequence Number (4)											
C2(4)	1	T	7	24	16	7.1	4	A	24	10	0
	2	T	7		8	7.2	4	B	37	9	0
Surveillance Sequence Number (5)											
C2(5)	1	T	7	24	16	7.1	5	A	4	10	0
	2	T	7		8	7.2	5	B	21	9	0
Surveillance Sequence Number (6)											
C2(6)	1	T	7	20	16	7.1	6	A	20	10	0
	2	T	7		4	7.2	6	B	53	8	0
Surveillance Sequence Number (7)											
C2(7)	1	T	7	20	16	7.1	7	A	12	10	0
	2	T	7		4	7.2	7	B	117	8	0

SURVEILLANCE OPTION 5

Participant	Slot			Total	Slot	Slot	Slot	Time	Slots	Assigned
	Block	Slot	Msg	Slots	Blocks	Group	Group	Set	Index	RRN Net
Surveillance Sequence Number (1)										
C2(1)	1	T	7	25	16	7.1	1	A	0	10 0
	2	T	7		8	7.1	1	A	12	9 0
	3	T	7		1	7.2	1	B	181	6 0
Surveillance Sequence Number (2)										
C2(2)	1	T	7	25	16	7.1	2	A	16	10 0
	2	T	7		8	7.1	2	A	44	9 0
	3	T	7		1	7.2	2	B	437	6 0
Surveillance Sequence Number (3)										
C2(3)	1	T	7	25	16	7.1	3	A	8	10 0
	2	T	7		8	7.1	3	A	28	9 0
	3	T	7		1	7.2	3	B	117	6 0
Surveillance Sequence Number (4)										
C2(4)	1	T	7	25	16	7.1	4	A	24	10 0
	2	T	7		8	7.1	4	A	60	9 0
	3	T	7		1	7.2	4	B	373	6 0
Surveillance Sequence Number (5)										
C2(5)	1	T	7	25	16	7.1	5	A	4	10 0
	2	T	7		8	7.2	5	B	5	9 0
	3	T	7		1	7.2	5	B	245	6 0
Surveillance Sequence Number (6)										
C2(6)	1	T	7	25	16	7.1	6	A	20	10 0
	2	T	7		8	7.2	6	B	37	9 0
	3	T	7		1	7.2	6	B	501	6 0
Surveillance Sequence Number (7)										
C2(7)	1	T	7	10	8	7.2	7	B	21	9 0
	2	T	7		2	7.2	7	B	53	7 0

AIR CONTROL OPTION 1

Participant	Slot	Total	Slot	Slot	Slot	Time Slots Assigned					
	Block No.	Slot Type	Msg Cat	Slots Req'd	Blocks Req'd	Group A=Agg	Group Elem.	Set	Index	RRN	Net
Air Control Sequence Number (1)											
FTR(1)	1	T	9	32	32	24.1	1	C	1	11	0
Air Control Sequence Number (2)											
FTR(2)	1	T	9	32	32	24.1	2	C	9	11	0

AIR CONTROL OPTION 2

Participant	Slot	Total	Slot	Slot	Slot	Time Slots Assigned					
	Block No.	Slot Type	Msg Cat	Slots Req'd	Blocks Req'd	Group A=Agg	Group Elem.	Set	Index	RRN	Net
Air Control Sequence Number (1)											
FTR(1)	1	T	9	16	16	24.1	1	C	1	10	0
Air Control Sequence Number (2)											
FTR(2)	1	T	9	16	16	24.1	2	C	17	10	0
Air Control Sequence Number (3)											
FTR(3)	1	T	9	16	16	24.1	3	C	9	10	0
Air Control Sequence Number (4)											
FTR(4)	1	T	9	16	16	24.1	4	C	25	10	0

FIGHTER-TO-FIGHTER OPTION 1

Participant	Slot	Total	Slot	Slot	Slot	Time	SLOTS	Assigned			
	Block	Slot	Msg	Slots	Blocks	Group	Group	-----			
No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.	Set	Index	RRN	Net	
Fighter-to-Fighter Sequence Number (1)											
FTR(1)	1	T	19	32	32	32.1	1	B	1	11	0
Fighter-to-Fighter Sequence Number (2)											
FTR(2)	1	T	19	32	32	32.1	2	B	9	11	0

FIGHTER-TO-FIGHTER OPTION 2

Participant	Slot	Total	Slot	Slot	Slot	Time	SLOTS	Assigned			
	Block	Slot	Msg	Slots	Blocks	Group	Group	-----			
No.	Type	Cat	Req'd	Req'd	A=Agg	Elem.	Set	Index	RRN	Net	
Fighter-to-Fighter Sequence Number (1)											
FTR(1)	1	T	19	16	16	32.1	1	B	1	10	0
Fighter-to-Fighter Sequence Number (2)											
FTR(2)	1	T	19	16	16	32.1	2	B	17	10	0
Fighter-to-Fighter Sequence Number (3)											
FTR(3)	1	T	19	16	16	32.1	3	B	9	10	0
Fighter-to-Fighter Sequence Number (4)											
FTR(4)	1	T	19	16	16	32.1	4	B	25	10	0

This Page Intentionally Left Blank

Appendix C

NON-TIME SLOT INITIALIZATION PARAMETERS

This appendix contains listings of the non-time slot block initialization parameters (excluding time slot assignments) defined for the U.S. Navy platforms. Refer to Appendix A of this network description for time slot block assignments for all participants in the network.

The Shipboard, E-2C and F-14D Platform Non-Time Slot Parameters define the values which are contained in the JNL platform files for the participants in the network.

The lists contain all the parameters identified in the following documents as the initialization data stored in the terminal non-volatile memory:

- Interface Control Document for JTIDS Navy Airborne Class 2 Terminal (#Y207A134) dated 15 March 1998 (Rev R).
- Interface Control Document for JTIDS Navy Shipboard Class 2 Terminal (#Y207A135) dated 15 March 1998 (Rev W).
- Common Interface Control Document for Global Memory Data Format Plain Text Bus (PTB) Navy JTIDS Class 2 Terminal (3 Vols) with SCN 1 (#R207A045C) dated 15 March 1998.

These values represent both default as well as preset values which are required for initializing the platforms participating in the network.

This Page Intentionally Left Blank

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
***** BLOCK 1				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
04f9	3	15	1	RECEIVE MODE-FIXED VALUE NAVY
	3	14	2	TEST MODE
	3	12	3	TDMA XMIT MODE
	3	9	2	RECEIVE ANTENNA CONFIGURATION
	3	7	1	HPA PRESENT
	3	6	2	EXCITER OUTPUT CONTROL
	3	4	2	IPF OVERRIDE
	3	2	1	TDMA RANGE
	3	1	2	COMMUNICATIONS MODE
0000	4	15	1	NOT USED
	4	14	15	PRIMARY TRACK NUMBER
6922	5	15	3	RF LOOPBACK CONTROL-FIXED VAL AIR
	5	12	3	HPA OUTPUT LEVEL
	5	9	1	NOT USED BY NAVY SHIP
	5	8	2	R/T RECEIVER CONFIGURATION
	5	6	1	RECORDER FUNCTION ON
	5	5	1	PPLI POOL
	5	4	1	NET TIME REFERENCE
	5	3	1	POSITION REFERENCE
	5	2	3	ORGANIZATIONAL USER TYPE
0004	6	15	5	NOT USED
	6	10	1	OTAR MODE
	6	9	3	NOT USED
	6	6	1	CURRENT CRYPTOPERIOD DESIGNATOR
	6	5	3	SEQUENCE NUMBER
	6	2	1	NET ENTRY TRANSMIT ENABLE
	6	1	1	EXTERNAL TIME REFERENCE
	6	0	1	TAPE RECORDER PORT SELECTION
068b	7	15	5	NOT USED
	7	10	1	NOT USED BY NAVY
	7	9	1	LOOPBACK PATH
	7	8	2	PLATFORM TRANSMIT TYPE
	7	6	4	STRENGTH
	7	2	3	PLATFORM TYPE
0000	8	15	16	STATION LATITUDE (COARSE)
0000	9	15	8	STATION LATITUDE (FINE)
	9	7	8	NOT USED
0000	10	15	16	STATION LONGITUDE (COARSE)
0000	11	15	8	STATION LONGITUDE (FINE)
	11	7	8	NOT USED
0000	12	15	16	HOST PLATFORM ANTENNA HEIGHT
0220	13	15	1	STATION POSITION VALIDITY
	13	14	5	NOT USED
	13	9	5	HEIGHT UNCERTAINTY
	13	4	5	POSITION UNCERTAINTY
8000	14	15	16	GRID ORIGIN LATITUDE (COARSE)
0000	15	15	8	GRID ORIGIN LATITUDE (FINE)
	15	7	8	NOT USED
8000	16	15	16	GRID ORIGIN LONGITUDE (COARSE)
0000	17	15	8	GRID ORIGIN LONGITUDE (FINE)
	17	7	8	NOT USED
0000	18	15	16	RESERVED FOR FUTURE GROWTH
0000	19	15	9	NOT USED

SHIPBOARD PLATFORMS

	HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0101	19	6	7	1	DEFAULT NET NUMBER	0 - Net 0
	20	15	1	1	NOT USED	
	20	14	7	1	DEFAULT TSEC VARIABLE	1 - CVLL 1
	20	7	1	1	NOT USED	
	20	6	7	1	DEFAULT MSEC VARIABLE	1 - CVLL 1
8101	21	15	1	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	21	14	7	1	VARIABLE CODE FOR LOCATION 1	1 - CVLL 1
	21	7	1	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	21	6	7	1	VARIABLE CODE FOR LOCATION 0	1 - CVLL 1
8000	22	15	1	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	22	14	7	1	VARIABLE CODE FOR LOCATION 3	0 - NoStatement
	22	7	1	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	22	6	7	1	VARIABLE CODE FOR LOCATION 2	0 - NoStatement
8000	23	15	1	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	23	14	7	1	VARIABLE CODE FOR LOCATION 5	0 - NoStatement
	23	7	1	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	23	6	7	1	VARIABLE CODE FOR LOCATION 4	0 - NoStatement
8000	24	15	1	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	24	14	7	1	VARIABLE CODE FOR LOCATION 7	0 - NoStatement
	24	7	1	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	24	6	7	1	VARIABLE CODE FOR LOCATION 6	0 - NoStatement
0000	25	15	8	1	TRANSMIT ANTENNA B CABLE DELAY	0 - 0.0 nsecs
	25	7	8	1	NOT USED	
000c	26	15	4	1	NOT USED	
	26	11	1	1	PORT 2 CODED VOICE-FIXED VALUE NAVY	0 - Uncode
	26	10	2	1	VOICE PORT 2 RATE-FIXED VALUE NAVY	0 - 16Kbps
	26	8	5	1	NOT USED	
	26	3	1	1	PORT 1 CODED VOICE-FIXED VALUE NAVY	1 - Coded
	26	2	2	1	VOICE PORT 1 RATE-FIXED VALUE NAVY	2 - 2?
	26	0	1	1	VOICE CHANNELIZATION	0 - A=1/B=2
0000	27	15	8	1	NOT USED	
	27	7	8	1	ETR CABLE DELAY	0 - 0.0 nsecs
0000	28	15	8	1	RT TO DDP CABLE DELAY	0 - 0.0 nsecs
	28	7	8	1	ANTENNA A CABLE DELAY	0 - 0.0 nsecs
0000	29	15	8	1	NOT USED BY NAVY	
	29	7	8	1	ANTENNA B CABLE DELAY	0 - 0.0 nsecs
0000	30	15	16	1	NOT USED BY NAVY	
0000	31	15	16	1	NOT USED BY NAVY	
0000	32	15	8	1	LOOPBACK VALUE BEYOND R/T	0 - 0.0 nsecs
	32	7	8	1	NOT USED	

 BLOCK 2

	HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3	15	1	1	SET TO LOGIC ZERO	0
	3	14	15	1	SECONDARY TRACK NUMBER 1	NoStatement
0000	4	15	1	1	SET TO LOGIC ZERO	0
	4	14	15	1	SECONDARY TRACK NUMBER 2	NoStatement
0000	5	15	1	1	SET TO LOGIC ZERO	0
	5	14	15	1	SECONDARY TRACK NUMBER 3	NoStatement
0000	6	15	1	1	SET TO LOGIC ZERO	0
	6	14	15	1	SECONDARY TRACK NUMBER 4	NoStatement
0000	7	15	1	1	SET TO LOGIC ZERO	0
	7	14	15	1	SECONDARY TRACK NUMBER 5	NoStatement
0000	8	15	1	1	SET TO LOGIC ZERO	0
	8	14	15	1	SECONDARY TRACK NUMBER 6	NoStatement
0000	9	15	1	1	SET TO LOGIC ZERO	0

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
	9	14	15	SECONDARY TRACK NUMBER 7
0000	10	15	1	SET TO LOGIC ZERO
	10	14	15	SECONDARY TRACK NUMBER 8
0000	11	15	1	SET TO LOGIC ZERO
	11	14	15	SECONDARY TRACK NUMBER 9
0000	12	15	1	SET TO LOGIC ZERO
	12	14	15	SECONDARY TRACK NUMBER 10
0000	13	15	1	SET TO LOGIC ZERO
	13	14	15	SECONDARY TRACK NUMBER 11
0000	14	15	1	SET TO LOGIC ZERO
	14	14	15	SECONDARY TRACK NUMBER 12
0000	15	15	1	SET TO LOGIC ZERO
	15	14	15	SECONDARY TRACK NUMBER 13
0000	16	15	1	SET TO LOGIC ZERO
	16	14	15	SECONDARY TRACK NUMBER 14
0000	17	15	1	SET TO LOGIC ZERO
	17	14	15	SECONDARY TRACK NUMBER 15
0000	18	15	1	SET TO LOGIC ZERO
	18	14	15	SECONDARY TRACK NUMBER 16
0003	19	15	10	NOT USED
	19	5	2	REPROMULGATION CONTROL
	19	3	4	REPROMULGATION HOP COUNT
0010	20	15	1	NOT USED BY NAVY
	20	14	1	NOT USED BY NAVY
	20	13	1	NOT USED BY NAVY
	20	12	1	NOT USED BY NAVY
	20	11	1	NOT USED BY NAVY
	20	10	1	NOT USED BY NAVY
	20	9	1	NOT USED BY NAVY
	20	8	1	NOT USED BY NAVY SHIP
	20	7	1	NOT USED BY NAVY SHIP
	20	6	1	NOT USED BY NAVY SHIP
	20	5	1	SIMULATION INDICATOR
	20	4	1	COMMAND & CONTROL INDICATOR
	20	3	1	NOT USED BY NAVY SHIP
	20	2	1	FORCE TELL INDICATOR
	20	1	1	NOT USED BY NAVY
	20	0	1	EXERCISE INDICATOR
0000	21	15	3	SPARE
	21	12	7	PLATFORM ACTIVITY (MARINE)
	21	5	6	PLATFORM ID (MARINE)
0000	22	15	8	MISSION CORRELATOR 1
	22	7	8	MISSION CORRELATOR 0
0000	23	15	8	MISSION CORRELATOR 3
	23	7	8	MISSION CORRELATOR 2
0000	24	15	8	MISSION CORRELATOR 5
	24	7	8	MISSION CORRELATOR 4
0000	25	15	8	MISSION CORRELATOR 7
	25	7	8	MISSION CORRELATOR 6
ffff	26	15	1	KF STATE VECTOR & COVARIANCE
	26	14	1	SYNCHRONIZATION FILTER DATA
	26	13	1	NOT USED
	26	12	1	NOT USED
	26	11	1	SICP STATUS
	26	10	1	NICP 12-SEC STATUS REPORT DTB
	26	9	1	MESSAGE STATUS
	26	8	1	REAL TIME SLOT SEQUENCE
	26	7	1	NPG MAPPING STATUS

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
26	6	1	NICP INITIAL DATA STATUS RSP	1 - Off
26	5	1	BI-DIRECT INITIALIZATION DATA	1 - Off
26	4	1	NAVIGATION DATA FROM NICP	1 - Off
26	3	1	START-UP NAVIGATION DATA	1 - Off
26	2	1	NAVIGATION DATA FROM SICP	1 - Off
26	1	1	RECEIVED MSG/LOOPBACK TRANSMISSION	1 - Off
26	0	1	MESSAGE TO TRANSMIT	1 - Off
ffff	27	15	NOT USED BY NAVY	1 - Off
27	14	1	NOT USED BY NAVY	1 - Off
27	13	1	NOT USED BY NAVY	1 - Off
27	12	1	NOT USED BY NAVY	1 - Off
27	11	1	RTSS DATA AS MODIFIED BY TSR SELECT	1 - Off
27	10	1	CONTROL DISCRETE DATA	1 - Off
27	9	1	NOT USED BY NAVY SHIP	1 - Off
27	8	1	NOT USED BY NAVY	1 - Off
27	7	1	NOT USED BY NAVY	1 - Off
27	6	1	SICP MEMORY BLOCKS	1 - Off
27	5	1	NOT USED BY NAVY	1 - Off
27	4	1	MUX DATA	1 - Off
27	3	1	PANEL (SACP/SICP & SICP/SACP) DATA	1 - Off
27	2	1	TERMINAL STATUS	1 - Off
27	1	1	SPARE	1 - Off
27	0	1	KF FILTER OBSERVATION DATA	1 - Off
ffff	28	15	RESERVED FOR FUTURE GROWTH	Off
ffff	29	15	NOT USED BY NAVY	Off
0000	30	15	NOT USED	
003f	31	15	NOT USED	
	31	5	CONTROL	1 - Don't_Use
	31	4	PPLI B	1 - Don't_Use
	31	3	PPLI A	1 - Don't_Use
	31	2	RTT	1 - Don't_Use
	31	1	VOICE B	1 - Don't_Use
	31	0	VOICE A	1 - Don't_Use
003f	32	15	RECEIVE ANTENNA B CABLE DELAY	0.0 nsecs
	32	7	RECEIVE ANTENNA A CABLE DELAY	0.0 nsecs

BLOCK 16

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3-18	15	16 HOST MESSAGE FILTER WORD	0 - Provide
0403	19	15	5 NOT USED	
	19	10	1 NON-VOICE FREE TEXT FILTER	1 - Do Not Provide
	19	9	7 NOT USED	
	19	2	1 ALL TRACK NUMBERS FILTER	0 - Provide
	19	1	1 SECONDARY TRACK NUMBER FILTER	1 - Do Not Provide
	19	0	1 PRIMARY TRACK NUMBER FILTER	1 - Do Not Provide
0000	20-32	15	16 NOT USED	

BLOCK 17

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3	15	1 NOT USED	
	3	14	7 NO OF CHANNELS IN VOICE GROUP A	0 - No Assign
	3	7	1 NOT USED	
	3	6	7 STARTING NET FOR VOICE GROUP A	0 - Net 0
0000	4	15	1 NOT USED	

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE	
0000	4	14	7 NO OF CHANNELS IN VOICE GROUP B	0 - No Assign	
	4	7	1 NOT USED		
	4	6	7 STARTING NET FOR VOICE GROUP B	0 - Net 0	
	5	15	1 NOT USED		
	5	14	7 NO OF CHANNELS IN CONTROL GROUP	0 - No Assign	
	5	7	1 NOT USED		
	5	6	7 STARTING NET FOR CONTROL GROUP	0 - Net 0	
	0000	6-32	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	6-32	14	7 VAR FOR NET N+1	0 - NICP Assign	
	6-32	7	1 VAR FOR NET N VALIDITY CHANNEL	0 - Invalid	
	6-32	6	7 VAR FOR NET N	0 - NICP Assign	

BLOCK 18					
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE	
0000	3	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid	
	3	14	7 VAR FOR NET N+1	0 - NICP Assign	
	3	7	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid	
	3	6	7 VAR FOR NET N+1	0 - NICP Assign	

BLOCK 19					
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE	
0000	3	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid	
	3	14	7 VAR FOR NET N+1	0 - NICP Assign	
	3	7	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid	
	3	6	7 VAR FOR NET N+1	0 - NICP Assign	

BLOCK 20					
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE	
0000	3	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid	
	3	14	7 VAR FOR NET N+1	0 - NICP Assign	
	3	7	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid	
	3	6	7 VAR FOR NET N+1	0 - NICP Assign	
0400	12	15	16 INITIAL ENTRY WORD 1	1024-SEE MS6016 Series	
	007f	13	15	16 INITIAL ENTRY WORD 2	
0000	14	15	16 INITIAL ENTRY WORD 3	127-SEE MS6016 Series	
0000	15	15	16 INITIAL ENTRY WORD 4	0 - SEE MS6016 Series	
0000	16	15	16 INITIAL ENTRY WORD 5	0 - SEE MS6016 Series	
0000	17	15	16 INITIAL ENTRY WORD 6	0 - SEE MS6016 Series	
0000	18	15	16 INITIAL ENTRY WORD 7	0 - SEE MS6016 Series	
0000	19	15	16 INITIAL ENTRY WORD 8	0 - SEE MS6016 Series	
0000	20	15	16 INITIAL ENTRY WORD 9	0 - SEE MS6016 Series	
0000	21	15	16 INITIAL ENTRY WORD 10	0 - SEE MS6016 Series	
fffff	22	15	16 MUX DATA FILTER INPUT WORD 1	DO NOT PROVIDE	
fffff	23	15	16 MUX DATA FILTER INPUT WORD 2	DO NOT PROVIDE	
fffff	24	15	16 MUX DATA FILTER OUTPUT WORD 1	DO NOT PROVIDE	
fffff	25	15	16 MUX DATA FILTER OUTPUT WORD 2	DO NOT PROVIDE	
0000	26	15	16 NOT USED BY NAVY		
0000	27	15	16 NOT USED BY NAVY		
0000	28	15	16 NOT USED BY NAVY		
0000	29	15	16 NOT USED BY NAVY		
0000	30	15	4 REC BLK NO 1 STARTING ADD MSBs	0 - (No Statement)	

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
	30	11	5 NOT USED	
0000	30	6	7 WORD COUNT BLOCK NO 1	0 - (No Statement)
0000	31	15	16 REC BLK NO 1 STARTING ADD LSBs	0 - (No Statement)
0000	32	15	16 RATE BLOCK NUMBER 1	0 - DO NOT OUTPUT

BLOCK 21				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3-30	15	4 REC BLK NO 2-11 STARTING ADD MSBs	0 - (No Statement)
	3-30	11	5 NOT USED	
	3-30	6	7 WORD COUNT BLOCK NO 2-11	0 - (No Statement)
0000	4-31	15	16 REC BLK NO 2-11 STARTING ADD LSBs	0 - (No Statement)
0000	5-32	15	16 RATE BLOCK NUMBER 2-11	0 - DO NOT OUTPUT

BLOCK 22				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3-15	15	4 REC BLK NO 12-16 STARTING ADD MSBs	0 - (No Statement)
	3-15	11	5 NOT USED	
	3-15	6	7 WORD COUNT BLOCK NO 12-16	0 - (No Statement)
0000	4-16	15	16 REC BLK NO 12-16 STARTING ADD LSBs	0 - (No Statement)
0000	5-17	15	16 RATE BLOCK NUMBER 12-16	0 - DO NOT OUTPUT
0000	18	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	19	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	20	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	21	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	22	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	23	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	24	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	25	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	26	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	27	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	28	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	29	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	30	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	31	15	16 TSRD MESSAGE FILTER WORD	Provide all
0000	32	15	16 TSRD MESSAGE FILTER WORD	Provide all

BLOCK 23				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3	15	16 TSRD MESSAGE FILTER WORD	Provide all
f7bb	4	15	4 NOT USED	
	4	11	1 RECEIVED MESSAGE HEADERS	0 - PROVIDE
	4	10	1 RCV NOV-VOIC FREE TXT MSG	1 - DO NOT PROVIDE
	4	9	1 RECEIVED VOICE B MESSAGES	1 - DO NOT PROVIDE
	4	8	1 RECEIVED VOICE A MESSAGES	1 - DO NOT PROVIDE
	4	7	1 SPARE(NOT USED BY NAVY)	
	4	6	1 ALL LOOPBACK MESSAGES	0 - PROVIDE
	4	5	1 RTT LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	4	1 TEST LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	3	1 PPLI LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	2	1 ALL TRACK NUMBERS FILTERS	0 - PROVIDE
	4	1	1 SECONDARY TRACK NO FILTER	1 - DO NOT PROVIDE
	4	0	1 PRIMARY TRACK NO FILTER	1 - DO NOT PROVIDE

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0406	5	15	5 NOT USED	
	5	10	2 PACKING LIMIT. WORD 1	2 - P2SP
	5	8	9 NET PART GROUP WORD 1	6 PPLI and Status B
0407	6	15	5 NOT USED	
	6	10	2 PACKING LIMIT. WORD 2	2 - P2SP
	6	8	9 NET PART GROUP WORD 2	7 Surveillance
0408	7	15	5 NOT USED	
	7	10	2 PACKING LIMIT. WORD 3	2 - P2SP
	7	8	9 NET PART GROUP WORD 3	8 Mission Mgmt/ Wpns Coord
0409	8	15	5 NOT USED	
	8	10	2 PACKING LIMIT. WORD 4	2 - P2SP
	8	8	9 NET PART GROUP WORD 4	9 Air Control
040a	9	15	5 NOT USED	
	9	10	2 PACKING LIMIT. WORD 5	2 - P2SP
	9	8	9 NET PART GROUP WORD 5	10 Electronic Warfare
040e	10	15	5 NOT USED	
	10	10	2 PACKING LIMIT. WORD 6	2 - P2SP
	10	8	9 NET PART GROUP WORD 6	14 Indirect PPLI
040c	11	15	5 NOT USED	
	11	10	2 PACKING LIMIT. WORD 7	2 - P2SP
	11	8	9 NET PART GROUP WORD 7	12 Voice Group A
0000	12-32	15	5 NOT USED	
	12-32	10	2 PACKING LIMIT. WORD 8-28	0 - STD
	12-32	8	9 NET PART GROUP WORD 8-28	0 - STD

***** BLOCK 24				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3- 6	15	5 NOT USED	
	3- 6	10	2 PACKING LIMIT. WORD 29-32	0 - STD
	3- 6	8	9 NET PART GROUP WORD 29-32	0 - STD
0000	7-32	15	16 NOT USED	

***** BLOCK 44				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE

TSR POOL 0 (Words 3-5)				
0000	3	15	1 DATA CHANGE VALIDITY	0 - Not_Valid
	3	14	1 OPERATE/SUSPEND PARAMETER	0 - Suspend
	3	13	3 BASIC BLK RECURRENCE RATE MODIFIER	0 -
	3	10	1 RESERVED FOR FUTURE USE	
	3	9	1 HOST NET MANAGER	0 - Host_Not_Mg
	3	8	5 REALLOCATION PERIOD OFFSET	0 - seconds
	3	3	4 REALLOCATON PERIOD LENGTH	0 - seconds
0000	4	15	1 CENTRALIZED MODE	0 - Disable
	4	14	1 DISSEMINATION MODE	0 - STN_Mode
	4	13	1 DEMAND LIMIT OVERRIDE	0 - 22 percent
	4	12	1 RESERVED FOR FUTURE USE	
	4	11	6 TABLE POSITION	0 - nth index
	4	5	3 HOP COUNT THRESHOLD	0 - hops
	4	2	3 DELETION THRESHOLD	0 - realloc prd
0000	5	15	11 NUMBER OF MESSAGES	0 - messages
	5	4	5 AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
TSR POOL 1 (Words 6-8)				
0000	6	15	1 DATA CHANGE VALIDITY	0 - Not_Valid

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
6	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
6	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
6	10	1	RESERVED FOR FUTURE USE	
6	9	1	HOST NET MANAGER	0 - Host_Not_Mg
6	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
6	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	7	15	1	CENTRALIZED MODE
0000	7	14	1	DISSEMINATION MODE
0000	7	13	1	DEMAND LIMIT OVERRIDE
0000	7	12	1	RESERVED FOR FUTURE USE
0000	7	11	6	TABLE POSITION
0000	7	5	3	HOP COUNT THRESHOLD
0000	7	2	3	DELETION THRESHOLD
0000	8	15	11	NUMBER OF MESSAGES
0000	8	4	5	AVG NUMBER OF WORDS PER MESSAGE
				TSR POOL 2 (Words 9-11)
0000	9	15	1	DATA CHANGE VALIDITY
0000	9	14	1	OPERATE/SUSPEND PARAMETER
0000	9	13	3	BASIC BLK RECURRENCE RATE MODIFIER
0000	9	10	1	RESERVED FOR FUTURE USE
0000	9	9	1	HOST NET MANAGER
0000	9	8	5	REALLOCATION PERIOD OFFSET
0000	9	3	4	REALLOCATON PERIOD LENGTH
0000	10	15	1	CENTRALIZED MODE
0000	10	14	1	DISSEMINATION MODE
0000	10	13	1	DEMAND LIMIT OVERRIDE
0000	10	12	1	RESERVED FOR FUTURE USE
0000	10	11	6	TABLE POSITION
0000	10	5	3	HOP COUNT THRESHOLD
0000	10	2	3	DELETION THRESHOLD
0000	11	15	11	NUMBER OF MESSAGES
0000	11	4	5	AVG NUMBER OF WORDS PER MESSAGE
				TSR POOL 3 (Words 12-14)
0000	12	15	1	DATA CHANGE VALIDITY
0000	12	14	1	OPERATE/SUSPEND PARAMETER
0000	12	13	3	BASIC BLK RECURRENCE RATE MODIFIER
0000	12	10	1	RESERVED FOR FUTURE USE
0000	12	9	1	HOST NET MANAGER
0000	12	8	5	REALLOCATION PERIOD OFFSET
0000	12	3	4	REALLOCATON PERIOD LENGTH
0000	13	15	1	CENTRALIZED MODE
0000	13	14	1	DISSEMINATION MODE
0000	13	13	1	DEMAND LIMIT OVERRIDE
0000	13	12	1	RESERVED FOR FUTURE USE
0000	13	11	6	TABLE POSITION
0000	13	5	3	HOP COUNT THRESHOLD
0000	13	2	3	DELETION THRESHOLD
0000	14	15	11	NUMBER OF MESSAGES
0000	14	4	5	AVG NUMBER OF WORDS PER MESSAGE
				TSR POOL 4 (Words 15-17)
0000	15	15	1	DATA CHANGE VALIDITY
0000	15	14	1	OPERATE/SUSPEND PARAMETER
0000	15	13	3	BASIC BLK RECURRENCE RATE MODIFIER
0000	15	10	1	RESERVED FOR FUTURE USE
0000	15	9	1	HOST NET MANAGER
0000	15	8	5	REALLOCATION PERIOD OFFSET
0000	15	3	4	REALLOCATON PERIOD LENGTH
0000	16	15	1	CENTRALIZED MODE

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
16	14	1	DISSEMINATION MODE	0 - STN_Mode
16	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
16	12	1	RESERVED FOR FUTURE USE	
16	11	6	TABLE POSITION	0 - nth index
16	5	3	HOP COUNT THRESHOLD	0 - hops
16	2	3	DELETION THRESHOLD	0 - realloc prd
0000	17	15	NUMBER OF MESSAGES	0 - messages
	17	4	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
			TSR POOL 5 (Words 18-20)	
0000	18	15	DATA CHANGE VALIDITY	0 - Not_Valid
	18	14	OPERATE/SUSPEND PARAMETER	0 - Suspend
	18	13	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	18	10	RESERVED FOR FUTURE USE	
	18	9	HOST NET MANAGER	0 - Host_Not_Mg
	18	8	REALLOCATION PERIOD OFFSET	0 - seconds
	18	3	REALLOCATON PERIOD LENGTH	0 - seconds
0000	19	15	CENTRALIZED MODE	0 - Disable
	19	14	DISSEMINATION MODE	0 - STN_Mode
	19	13	DEMAND LIMIT OVERRIDE	0 - 22 percent
	19	12	RESERVED FOR FUTURE USE	
	19	11	TABLE POSITION	0 - nth index
	19	5	HOP COUNT THRESHOLD	0 - hops
	19	2	DELETION THRESHOLD	0 - realloc prd
0000	20	15	NUMBER OF MESSAGES	0 - messages
	20	4	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
			TSR POOL 6 (Words 21-23)	
0000	21	15	DATA CHANGE VALIDITY	0 - Not_Valid
	21	14	OPERATE/SUSPEND PARAMETER	0 - Suspend
	21	13	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	21	10	RESERVED FOR FUTURE USE	
	21	9	HOST NET MANAGER	0 - Host_Not_Mg
	21	8	REALLOCATION PERIOD OFFSET	0 - seconds
	21	3	REALLOCATON PERIOD LENGTH	0 - seconds
0000	22	15	CENTRALIZED MODE	0 - Disable
	22	14	DISSEMINATION MODE	0 - STN_Mode
	22	13	DEMAND LIMIT OVERRIDE	0 - 22 percent
	22	12	RESERVED FOR FUTURE USE	
	22	11	TABLE POSITION	0 - nth index
	22	5	HOP COUNT THRESHOLD	0 - hops
	22	2	DELETION THRESHOLD	0 - realloc prd
0000	23	15	NUMBER OF MESSAGES	0 - messages
	23	4	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
			TSR POOL 7 (Words 24-26)	
0000	24	15	DATA CHANGE VALIDITY	0 - Not_Valid
	24	14	OPERATE/SUSPEND PARAMETER	0 - Suspend
	24	13	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	24	10	RESERVED FOR FUTURE USE	
	24	9	HOST NET MANAGER	0 - Host_Not_Mg
	24	8	REALLOCATION PERIOD OFFSET	0 - seconds
	24	3	REALLOCATON PERIOD LENGTH	0 - seconds
0000	25	15	CENTRALIZED MODE	0 - Disable
	25	14	DISSEMINATION MODE	0 - STN_Mode
	25	13	DEMAND LIMIT OVERRIDE	0 - 22 percent
	25	12	RESERVED FOR FUTURE USE	
	25	11	TABLE POSITION	0 - nth index
	25	5	HOP COUNT THRESHOLD	0 - hops
	25	2	DELETION THRESHOLD	0 - realloc prd
0000	26	15	NUMBER OF MESSAGES	0 - messages

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
26 ----	4 27-32	5 15	Avg Number of Words per Message SPARE	0 - wd per msg

			BLOCK 56	
HEX VALUE				
			START WORD	
			BIT LENGTH	
			PARAMETER	

0000	3	15	11 NOT USED	
	3	4	5 MESSAGE RATE	0 - 0 Sub/Adr
0009	4	15	7 NOT USED	
	4	8	9 NPG BUFFER 3	9 - NPG 9
0000	5	15	7 NOT USED	
	5	8	9 NPG A	0 - No Statement
0000	6	15	7 NOT USED	
	6	8	9 NPG B	0 - No Statement
0000	7	15	16 HOST NPG FILTER WORDS	Prov NPG: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15,
0000	8	15	16 HOST NPG FILTER WORDS	Prov NPG: 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30,
0000	9	15	9 NOT USED	
	9	6	1 COMPOSITE BLANKING LOGIC LEVEL	0 - TRUE
	9	5	1 COMPOSITE BLANKING ENABLE	0 - DISABLE CB
	9	4	1 ADVANCED SLOT NOTIFICATION ENABLE	0 - DISABLE ASN
	9	3	3 ADVANCE VALUE	0 - Adv = 0
	9	0	1 ADV SLOT NOTIFICATION MODE SELECT	0 - MODE A
0000	10	15	1 RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	10	14	1 RELAY TRANSMIT	0 - Do Not Provide
	10	13	1 RELAY RECEIVE	0 - Do Not Provide
	10	12	1 TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	10	11	1 TRANSMIT OVER RECEIVE	0 - Do Not Provide
	10	10	1 TRANSMIT ONLY	0 - Do Not Provide
	10	9	1 RELAY ONLY	0 - Do Not Provide
	10	8	9 NPG	0 - No Statement
0000	11	15	1 RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	11	14	1 RELAY TRANSMIT	0 - Do Not Provide
	11	13	1 RELAY RECEIVE	0 - Do Not Provide
	11	12	1 TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	11	11	1 TRANSMIT OVER RECEIVE	0 - Do Not Provide
	11	10	1 TRANSMIT ONLY	0 - Do Not Provide
	11	9	1 RELAY ONLY	0 - Do Not Provide
	11	8	9 NPG	0 - No Statement
0000	12	15	1 RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	12	14	1 RELAY TRANSMIT	0 - Do Not Provide
	12	13	1 RELAY RECEIVE	0 - Do Not Provide
	12	12	1 TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	12	11	1 TRANSMIT OVER RECEIVE	0 - Do Not Provide
	12	10	1 TRANSMIT ONLY	0 - Do Not Provide
	12	9	1 RELAY ONLY	0 - Do Not Provide
	12	8	9 NPG	0 - No Statement
0000	13	15	1 RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	13	14	1 RELAY TRANSMIT	0 - Do Not Provide
	13	13	1 RELAY RECEIVE	0 - Do Not Provide
	13	12	1 TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	13	11	1 TRANSMIT OVER RECEIVE	0 - Do Not Provide

SHIPBOARD PLATFORMS

	HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	13	10	1	TRANSMIT ONLY	0 - Do Not Provide
	13	9	1	RELAY ONLY	0 - Do Not Provide
	13	8	9	NPG	0 - No Statement
	14	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	14	14	1	RELAY TRANSMIT	0 - Do Not Provide
	14	13	1	RELAY RECEIVE	0 - Do Not Provide
	14	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	14	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	14	10	1	TRANSMIT ONLY	0 - Do Not Provide
	14	9	1	RELAY ONLY	0 - Do Not Provide
0000	14	8	9	NPG	0 - No Statement
	15	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	15	14	1	RELAY TRANSMIT	0 - Do Not Provide
	15	13	1	RELAY RECEIVE	0 - Do Not Provide
	15	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	15	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	15	10	1	TRANSMIT ONLY	0 - Do Not Provide
	15	9	1	RELAY ONLY	0 - Do Not Provide
	15	8	9	NPG	0 - No Statement
	0000	16	15	13 NOT USED	
0055	16	2	1	LONG TERM TRANSMIT INHIBIT CONTROL	0 - DISABLE
	16	1	1	RELAY INHIBIT CONTROL	0 - DISABLE
	16	0	1	LOOPBACK STATUS CONTROL	0 - PROV 10 MSGS
	17	15	1	OFFSET VALIDITY	0 - INVALID
	17	14	7	SPARE	
	17	7	4	TIME OF UPDATE OFFSET	5 - 50 msec
	17	3	4	TIME OF COMP OFFSET	5 - 50 msec
	0000	18	15	14 SPARE	
	18	1	2	INERTIAL NAVIGATION SYSTEM TYPE	0 - ASN-130A/139
	0007	19	15	7 NOT USED	
0008	19	8	9	NPG BUFFER 1	7 - NPG 7
	20	15	7	NOT USED	
0000	20	8	9	NPG BUFFER 2	8 - NPG 8
	21-32	15	16	SPARE	

	HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3	15	16	Xb ANTENNA A	0 - 0.000 feet
0000	4	15	16	Yb ANTENNA A	0 - 0.000 feet
0000	5	15	16	Zb ANTENNA A	0 - 0.000 feet
0000	6	15	16	Xb ANTENNA B	0 - 0.000 feet
0000	7	15	16	Yb ANTENNA B	0 - 0.000 feet
0000	8	15	16	Zb ANTENNA B	0 - 0.000 feet
0000	9	15	16	Xb INS FORE OR #1	0 - 0.000 feet
0000	10	15	16	Yb INS FORE OR #1	0 - 0.000 feet
0000	11	15	16	Zb INS FORE OR #1	0 - 0.000 feet
0000	12	15	16	Xb INS AFT OR #2	0 - 0.000 feet
0000	13	15	16	Yb INS AFT OR #2	0 - 0.000 feet
0000	14	15	16	Zb INS AFT OR #2	0 - 0.000 feet
0000	15	15	16	Xb EM LOG	0 - 0.000 feet
0000	16	15	16	Yb EM LOG	0 - 0.000 feet
0000	17	15	16	Zb EM LOG	0 - 0.000 feet
0000	18	15	16	b-FRAME HEIGHT	0 - 0.000 frame
0000	19-32	15	16	SPARE	

***** BLOCK 63

SHIPBOARD PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
<hr/>				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0020	3	15	1	LOOPBACK SELECT
	3	14	9	NOT USED
	3	5	2	XMIT ANTENNA
	3	3	1	START NET ENTRY COMMAND
	3	2	1	THERMAL OVERRIDE COMMAND
	3	1	1	BUILT-IN-TEST (BIT) COMMAND
7f7f	4	15	1	NOT USED
	4	14	7	VOICE CHANNEL B NET NUMBER
	4	7	1	NOT USED
	4	6	7	VOICE CHANNEL A NET NUMBER
007f	5	15	9	NOT USED
	5	6	7	CONTROL CHANNEL NET NUMBER
0000	6	15	13	NOT USED
	6	2	1	IPF RESET
	6	1	1	NAVIGATION RESET
	6	0	1	NET ENTRY RESET
0000	7	15	1	VALIDITY (TIME OF DAY)
	7	14	4	NOT USED
	7	10	5	TIME OF DAY HOURS
	7	5	6	TIME OF DAY MINUTES
0000	8	15	3	NOT USED
	8	12	6	TIME OF DAY SECONDS
	8	5	6	TIME OF DAY SLOTS
801e	9	15	1	VALIDITY (TIME OF DAY ERROR)
	9	14	3	NOT USED
	9	11	6	TIME OF DAY ERROR MINUTES
	9	5	6	TIME OF DAY ERROR SECONDS
0000	10-13	15	16	SPARE
0000	14	15	16	IFF CODES AS DEFINED IN JTIPD
0000	15	15	16	IFF CODES AS DEFINED IN JTIPD
0000	16	15	16	IFF CODES AS DEFINED IN JTIPD
0000	17-32	15	16	NOT USED

E-2C PLATFORMS

HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
***** BLOCK 1				
HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
1059	3 15	1	RECEIVE MODE-FIXED VALUE NAVY	0 - Normal_Rcv
	3 14	2	TEST MODE	0 - No_Test_Msg
	3 12	3	TDMA XMIT MODE	4 - DataSilent
	3 9	2	RECEIVE ANTENNA CONFIGURATION	0 - DualAntenna
	3 7	1	HPA PRESENT	0 - Not_Present
	3 6	2	EXCITER OUTPUT CONTROL	2 - OFF
	3 4	2	IPF OVERRIDE	3 - OFF-100/50
	3 2	1	TDMA RANGE	0 - Normal
	3 1	2	COMMUNICATIONS MODE	1 - Mode_1
0000	4 15	1	NOT USED	
	4 14	15	PRIMARY TRACK NUMBER	0 - NoStatement
0122	5 15	3	RF LOOPBACK CONTROL-FIXED VAL AIR	0 - Mode_Dual
	5 12	3	HPA OUTPUT LEVEL	0 - OFF
	5 9	1	INPUT PRIORITY 0 - LAST_INPUT	
	5 8	2	R/T RECEIVER CONFIGURATION	2 - 8_Rcvrs
	5 6	1	RECORDER FUNCTION ON	0 - OFF
	5 5	1	PPLI POOL	1 - Pool_B
	5 4	1	NET TIME REFERENCE	0 - nonNTR
	5 3	1	POSITION REFERENCE	0 - Not_PR
	5 2	3	ORGANIZATIONAL USER TYPE	2 - Primary
0004	6 15	5	NOT USED	
	6 10	1	OTAR MODE	0 - No_OTARMode
	6 9	3	NOT USED	
	6 6	1	CURRENT CRYPTOPERIOD DESIGNATOR	0 - Period=Zero
	6 5	3	SEQUENCE NUMBER	0 - 24Hr_Period
	6 2	1	NET ENTRY TRANSMIT ENABLE	1 - Enabled
	6 1	1	EXTERNAL TIME REFERENCE	0 - Don'tUse
	6 0	1	TAPE RECORDER PORT SELECTION	0 - MUX
000a	7 15	6	NOT USED	
	7 9	1	LOOPBACK PATH	0 - NoLoopBack
	7 8	2	PLATFORM TRANSMIT TYPE	0 - R/T_EmerXmt
	7 6	4	STRENGTH	1 - 1_Unit
	7 2	3	PLATFORM TYPE	2 - 2?
0000	8 15	16	STATION LATITUDE (COARSE)	0 - NoStatement
0000	9 15	8	STATION LATITUDE (FINE)	0 - NoStatement
	9 7	8	NOT USED	
0000	10 15	16	STATION LONGITUDE (COARSE)	0 - NoStatement
0000	11 15	8	STATION LONGITUDE (FINE)	0 - NoStatement
	11 7	8	NOT USED	
0000	12 15	16	HOST PLATFORM ANTENNA HEIGHT	0 - NoStatement
01e6	13 15	1	STATION POSITION VALIDITY	0 - Invalid
	13 14	5	NOT USED	
	13 9	5	HEIGHT UNCERTAINTY	15 - <=103.8Feet
	13 4	5	POSITION UNCERTAINTY	6 - <=6190.8
8000	14 15	16	GRID ORIGIN LATITUDE (COARSE)	0 - NoStatement
0000	15 15	8	GRID ORIGIN LATITUDE (FINE)	0 - NoStatement
	15 7	8	NOT USED	
8000	16 15	16	GRID ORIGIN LONGITUDE (COARSE)	0 - NoStatement
0000	17 15	8	GRID ORIGIN LONGITUDE (FINE)	0 - NoStatement
	17 7	8	NOT USED	
0000	18 15	16	RESERVED FOR FUTURE GROWTH	
0000	19 15	9	NOT USED	
	19 6	7	DEFAULT NET NUMBER	0 - Net 0
0101	20 15	1	NOT USED	

E-2C PLATFORMS

	HEX VALUE	START WORD	BIT LENGTH	PARAMETER		VALUE
	20	14	7	DEFAULT TSEC VARIABLE	1 -	CVLL 1
	20	7	1	NOT USED		
	20	6	7	DEFAULT MSEC VARIABLE	1 -	CVLL 1
8101	21	15	1	CRYPTO PERIOD DESIGNATOR	1 -	Period 1
	21	14	7	VARIABLE CODE FOR LOCATION 1	1 -	CVLL 1
	21	7	1	CRYPTO PERIOD DESIGNATOR	0 -	Period 0
	21	6	7	VARIABLE CODE FOR LOCATION 0	1 -	CVLL 1
8000	22	15	1	CRYPTO PERIOD DESIGNATOR	1 -	Period 1
	22	14	7	VARIABLE CODE FOR LOCATION 3	0 -	NoStatement
	22	7	1	CRYPTO PERIOD DESIGNATOR	0 -	Period 0
	22	6	7	VARIABLE CODE FOR LOCATION 2	0 -	NoStatement
8000	23	15	1	CRYPTO PERIOD DESIGNATOR	1 -	Period 1
	23	14	7	VARIABLE CODE FOR LOCATION 5	0 -	NoStatement
	23	7	1	CRYPTO PERIOD DESIGNATOR	0 -	Period 0
	23	6	7	VARIABLE CODE FOR LOCATION 4	0 -	NoStatement
8000	24	15	1	CRYPTO PERIOD DESIGNATOR	1 -	Period 1
	24	14	7	VARIABLE CODE FOR LOCATION 7	0 -	NoStatement
	24	7	1	CRYPTO PERIOD DESIGNATOR	0 -	Period 0
	24	6	7	VARIABLE CODE FOR LOCATION 6	0 -	NoStatement
0009	25	15	8	NOT USED		
	25	7	8	TRANSMIT ANTENNA C CABLE DELAY	0 -	0.0 nsecs
000c	26	15	4	NOT USED		
	26	11	1	PORT 2 CODED VOICE-FIXED VALUE NAVY	0 -	Uncode
	26	10	2	VOICE PORT 2 RATE-FIXED VALUE NAVY	0 -	16Kbps
	26	8	5	NOT USED		
	26	3	1	PORT 1 CODED VOICE-FIXED VALUE NAVY	1 -	Coded
	26	2	2	VOICE PORT 1 RATE-FIXED VALUE NAVY	2 -	2?
	26	0	1	VOICE CHANNELIZATION	0 -	A=1/B=2
0001	27	15	8	NOT USED		
	27	7	8	ETR CABLE DELAY	1 -	12.5 nsecs
0003	28	15	8	RT TO DDP CABLE DELAY	0 -	0.0 nsecs
	28	7	8	ANTENNA A CABLE DELAY	3 -	37.5 nsecs
0009	29	15	8	NOT USED BY NAVY		
	29	7	8	ANTENNA B CABLE DELAY	9 -	112.5 nsecs
0000	30	15	16	NOT USED BY NAVY		
0000	31	15	16	NOT USED BY NAVY		
0909	32	15	8	LOOPBACK VALUE BEYOND R/T ANT B	9 -	112.5 nsecs
	32	7	8	LOOPBACK VALUE BEYOND R/T ANT A	9 -	112.5 nsecs

***** BLOCK 2

	HEX VALUE	START WORD	BIT LENGTH	PARAMETER		VALUE
	0000	3	15	1	SECONDARY OR FLT MEMBER TN 1	0 - Secondary
		3	14	15	SECONDARY TRACK NUMBER 1	NoStatement
0000	4	15	1	SECONDARY OR FLT MEMBER TN 2	0 - Secondary	
	4	14	15	SECONDARY TRACK NUMBER 2	NoStatement	
0000	5	15	1	SECONDARY OR FLT MEMBER TN 3	0 - Secondary	
	5	14	15	SECONDARY TRACK NUMBER 3	NoStatement	
0000	6	15	1	SECONDARY OR FLT MEMBER TN 4	0 - Secondary	
	6	14	15	SECONDARY TRACK NUMBER 4	NoStatement	
0000	7	15	1	SECONDARY OR FLT MEMBER TN 5	0 - Secondary	
	7	14	15	SECONDARY TRACK NUMBER 5	NoStatement	
0000	8	15	1	SECONDARY OR FLT MEMBER TN 6	0 - Secondary	
	8	14	15	SECONDARY TRACK NUMBER 6	NoStatement	
0000	9	15	1	SECONDARY OR FLT MEMBER TN 7	0 - Secondary	
	9	14	15	SECONDARY TRACK NUMBER 7	NoStatement	
0000	10	15	1	SECONDARY OR FLT MEMBER TN 8	0 - Secondary	

E-2C PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
	10	14	15	SECONDARY TRACK NUMBER 8
0000	11	15	1	SECONDARY OR FLT MEMBER TN 9
	11	14	15	SECONDARY TRACK NUMBER 9
0000	12	15	1	SECONDARY OR FLT MEMBER TN 10
	12	14	15	SECONDARY TRACK NUMBER 10
0000	13	15	1	SECONDARY OR FLT MEMBER TN 11
	13	14	15	SECONDARY TRACK NUMBER 11
0000	14	15	1	SECONDARY OR FLT MEMBER TN 12
	14	14	15	SECONDARY TRACK NUMBER 12
0000	15	15	1	SECONDARY OR FLT MEMBER TN 13
	15	14	15	SECONDARY TRACK NUMBER 13
0000	16	15	1	SECONDARY OR FLT MEMBER TN 14
	16	14	15	SECONDARY TRACK NUMBER 14
0000	17	15	1	SECONDARY OR FLT MEMBER TN 15
	17	14	15	SECONDARY TRACK NUMBER 15
0000	18	15	1	SECONDARY OR FLT MEMBER TN 16
	18	14	15	SECONDARY TRACK NUMBER 16
0003	19	15	10	NOT USED
	19	5	2	REPROMULGATION CONTROL
	19	3	4	REPROMULGATION HOP COUNT
0050	20	15	1	NOT USED BY NAVY
	20	14	1	NOT USED BY NAVY
	20	13	1	NOT USED BY NAVY
	20	12	1	NOT USED BY NAVY
	20	11	1	NOT USED BY NAVY
	20	10	1	NOT USED BY NAVY
	20	9	1	NOT USED BY NAVY
	20	8	1	BAILOUT INDICATOR
	20	7	1	FLIGHT LEADER INDICATOR
	20	6	1	AIRBORNE INDICATOR
	20	5	1	SIMULATION INDICATOR
	20	4	1	COMMAND & CONTROL INDICATOR
	20	3	1	EMERGENCY INDICATOR
	20	2	1	FORCE TELL INDICATOR
	20	1	1	NOT USED BY NAVY
	20	0	1	EXERCISE INDICATOR
0910	21	15	3	SPARE
	21	12	7	PLATFORM ACTIVITY (MARINE)
	21	5	6	PLATFORM ID (MARINE)
0000	22	15	8	MISSION CORRELATOR 1
	22	7	8	MISSION CORRELATOR 0
0000	23	15	8	MISSION CORRELATOR 3
	23	7	8	MISSION CORRELATOR 2
0000	24	15	8	MISSION CORRELATOR 5
	24	7	8	MISSION CORRELATOR 4
0000	25	15	8	MISSION CORRELATOR 7
	25	7	8	MISSION CORRELATOR 6
ffff	26	15	1	KF STATE VECTOR & COVARIANCE
	26	14	1	SYNCHRONIZATION FILTER DATA
	26	13	1	NOT USED
	26	12	1	NOT USED
	26	11	1	SICP STATUS
	26	10	1	NICP 12-SEC STATUS REPORT DTB
	26	9	1	MESSAGE STATUS
	26	8	1	REAL TIME SLOT SEQUENCE
	26	7	1	NPG MAPPING STATUS
	26	6	1	NICP INITIAL DATA STATUS RSP
	26	5	1	BI-DIRECT INITIALIZATION DATA

E-2C PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
26	4	1	NAVIGATION DATA FROM NICP	1 - Off
26	3	1	START-UP NAVIGATION DATA	1 - Off
26	2	1	NAVIGATION DATA FROM SICP	1 - Off
26	1	1	RECEIVED MSG/LOOPBACK TRANSMISSION	1 - Off
26	0	1	MESSAGE TO TRANSMIT	1 - Off
ffff	27	15	NOT USED BY NAVY	1 - Off
27	14	1	NOT USED BY NAVY	1 - Off
27	13	1	NOT USED BY NAVY	1 - Off
27	12	1	NOT USED BY NAVY	1 - Off
27	11	1	RTSS DATA AS MODIFIED BY TSR SELECT	1 - Off
27	10	1	CONTROL DISCRETE DATA	1 - Off
27	9	1	TACAN DATA	1 - Off
27	8	1	NOT USED BY NAVY	1 - Off
27	7	1	NOT USED BY NAVY	1 - Off
27	6	1	SICP MEMORY BLOCKS	1 - Off
27	5	1	NOT USED BY NAVY	1 - Off
27	4	1	MUX DATA	1 - Off
27	3	1	PANEL (SACP/SICP & SICP/SACP) DATA	1 - Off
27	2	1	TERMINAL STATUS	1 - Off
27	1	1	SPARE	1 - Off
27	0	1	KF FILTER OBSERVATION DATA	1 - Off
ffff	28	15	RESERVED FOR FUTURE GROWTH	Off
ffff	29	15	NOT USED BY NAVY	Off
0000	30	15	NOT USED	
003f	31	15	NOT USED	
	31	5	CONTROL	1 - Don't_Use
	31	4	PPLI B	1 - Don't_Use
	31	3	PPLI A	1 - Don't_Use
	31	2	RTT	1 - Don't_Use
	31	1	VOICE B	1 - Don't_Use
	31	0	VOICE A	1 - Don't_Use
0903	32	15	RECEIVE ANTENNA B CABLE DELAY	37.5 nsecs
	32	7	RECEIVE ANTENNA A CABLE DELAY	112.5 nsecs

BLOCK 16				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
ffff	3	15	16 HOST MESSAGE FILTER WORD	Do not provide
ff92	4	15	16 HOST MESSAGE FILTER WORD	Provide: J2.0 J2.2 J2.3 J2.5 J2.6
ffff	5	15	16 HOST MESSAGE FILTER WORD	Do not provide
40fe	6	15	16 HOST MESSAGE FILTER WORD	Provide: J6.0 J7.0 J7.1 J7.2 J7.3 J7.4 J7.5 J7.7
feff	7	15	16 HOST MESSAGE FILTER WORD	Provide: J9.0
ff93	8	15	16 HOST MESSAGE FILTER WORD	Provide: J10.2 J10.3 J10.5 J10.6
fbaf	9	15	16 HOST MESSAGE FILTER WORD	Provide: J12.4 J12.6 J13.2
fffa	10	15	16 HOST MESSAGE FILTER WORD	Provide: J14.0 J14.2
ffff	11	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	12	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	13	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	14	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	15	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	16	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	17	15	16 HOST MESSAGE FILTER WORD	Do not provide

E-2C PLATFORMS

HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
ffff	18	15	16 HOST MESSAGE FILTER WORD	Do not provide
0404	19	15	5 NOT USED	
	19	10	1 NON-VOICE FREE TEXT FILTER	1 - Do Not Provide
	19	9	7 NOT USED	
	19	2	1 ALL TRACK NUMBERS FILTER	1 - Do Not Provide
	19	1	1 SECONDARY TRACK NUMBER FILTER	0 - Provide
	19	0	1 PRIMARY TRACK NUMBER FILTER	0 - Provide
0000	20-32	15	16 NOT USED	

BLOCK 17				
HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
0000	3	15	1 NOT USED	
	3	14	7 NO OF CHANNELS IN VOICE GROUP A	0 - No Assign
	3	7	1 NOT USED	
	3	6	7 STARTING NET FOR VOICE GROUP A	0 - Net 0
0000	4	15	1 NOT USED	
	4	14	7 NO OF CHANNELS IN VOICE GROUP B	0 - No Assign
	4	7	1 NOT USED	
	4	6	7 STARTING NET FOR VOICE GROUP B	0 - Net 0
0000	5	15	1 NOT USED	
	5	14	7 NO OF CHANNELS IN CONTROL GROUP	0 - No Assign
	5	7	1 NOT USED	
	5	6	7 STARTING NET FOR CONTROL GROUP	0 - Net 0
0000	6-32	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	6-32	14	7 VAR FOR NET N+1	0 - NICP Assign
	6-32	7	1 VAR FOR NET N VALIDITY CHANNEL	0 - Invalid
	6-32	6	7 VAR FOR NET N	0 - NICP Assign

BLOCK 18				
HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
0000	3	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7 VAR FOR NET N+1	0 - NICP Assign
	3	7	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7 VAR FOR NET N+1	0 - NICP Assign

BLOCK 19				
HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
0000	3	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7 VAR FOR NET N+1	0 - NICP Assign
	3	7	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7 VAR FOR NET N+1	0 - NICP Assign

BLOCK 20				
HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
0000	3	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7 VAR FOR NET N+1	0 - NICP Assign
	3	7	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7 VAR FOR NET N+1	0 - NICP Assign
0400	12	15	16 INITIAL ENTRY WORD 1	1024-SEE MS6016 Series

E-2C PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
007f	13	15	16 INITIAL ENTRY WORD 2	127-SEE MS6016 Series
0000	14	15	16 INITIAL ENTRY WORD 3	0 - SEE MS6016 Series
0000	15	15	16 INITIAL ENTRY WORD 4	0 - SEE MS6016 Series
0000	16	15	16 INITIAL ENTRY WORD 5	0 - SEE MS6016 Series
0000	17	15	16 INITIAL ENTRY WORD 6	0 - SEE MS6016 Series
0000	18	15	16 INITIAL ENTRY WORD 7	0 - SEE MS6016 Series
0000	19	15	16 INITIAL ENTRY WORD 8	0 - SEE MS6016 Series
0000	20	15	16 INITIAL ENTRY WORD 9	0 - SEE MS6016 Series
0000	21	15	16 INITIAL ENTRY WORD 10	0 - SEE MS6016 Series
ffff	22	15	16 MUX DATA FILTER INPUT WORD 1	DO NOT PROVIDE
ffff	23	15	16 MUX DATA FILTER INPUT WORD 2	DO NOT PROVIDE
ffff	24	15	16 MUX DATA FILTER OUTPUT WORD 1	DO NOT PROVIDE
ffff	25	15	16 MUX DATA FILTER OUTPUT WORD 2	DO NOT PROVIDE
0000	26	15	16 NOT USED BY NAVY	
0000	27	15	16 NOT USED BY NAVY	
0000	28	15	16 NOT USED BY NAVY	
0000	29	15	16 NOT USED BY NAVY	
0000	30	15	4 REC BLK NO 1 STARTING ADD MSBs	0 - (No Statement)
	30	11	5 NOT USED	
	30	6	7 WORD COUNT BLOCK NO 1	0 - (No Statement)
0000	31	15	16 REC BLK NO 1 STARTING ADD LSBs	0 - (No Statement)
0000	32	15	16 RATE BLOCK NUMBER 1	0 - DO NOT OUTPUT

***** BLOCK 21

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3-30	15	4 REC BLK NO 2-11 STARTING ADD MSBs	0 - (No Statement)
	3-30	11	5 NOT USED	
	3-30	6	7 WORD COUNT BLOCK NO 2-11	0 - (No Statement)
0000	4-31	15	16 REC BLK NO 2-11 STARTING ADD LSBs	0 - (No Statement)
0000	5-32	15	16 RATE BLOCK NUMBER 2-11	0 - DO NOT OUTPUT

***** BLOCK 22

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3-15	15	4 REC BLK NO 12-16 STARTING ADD MSBs	0 - (No Statement)
	3-15	11	5 NOT USED	
	3-15	6	7 WORD COUNT BLOCK NO 12-16	0 - (No Statement)
0000	4-16	15	16 REC BLK NO 12-16 STARTING ADD LSBs	0 - (No Statement)
0000	5-17	15	16 RATE BLOCK NUMBER 12-16	0 - DO NOT OUTPUT
ffff	18	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	19	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	20	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	21	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	22	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	23	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	24	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	25	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	26	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	27	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	28	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	29	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	30	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	31	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	32	15	16 TSRD MESSAGE FILTER WORD	Do not provide

E-2C PLATFORMS

HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE

			BLOCK 23	

HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE

fffff	3	15	16 TSRD MESSAGE FILTER WORD	Do not provide
fffff	4	15	4 NOT USED	
	4	11	1 RECEIVED MESSAGE HEADERS	1 - DO NOT PROVIDE
	4	10	1 RCV NOV-VOIC FREE TXT MSG	1 - DO NOT PROVIDE
	4	9	1 RECEIVED VOICE B MESSAGES	1 - DO NOT PROVIDE
	4	8	1 RECEIVED VOICE A MESSAGES	1 - DO NOT PROVIDE
	4	7	1 SPARE(NOT USED BY NAVY)	
	4	6	1 ALL LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	5	1 RTT LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	4	1 TEST LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	3	1 PPLI LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	2	1 ALL TRACK NUMBERS FILTERS	1 - DO NOT PROVIDE
	4	1	1 SECONDARY TRACK NO FILTER	1 - DO NOT PROVIDE
	4	0	1 PRIMARY TRACK NO FILTER	1 - DO NOT PROVIDE
0406	5	15	5 NOT USED	
	5	10	2 PACKING LIMIT. WORD 1	2 - P2SP
	5	8	9 NET PART GROUP WORD 1	6 PPLI and Status B
0407	6	15	5 NOT USED	
	6	10	2 PACKING LIMIT. WORD 2	2 - P2SP
	6	8	9 NET PART GROUP WORD 2	7 Surveillance
0408	7	15	5 NOT USED	
	7	10	2 PACKING LIMIT. WORD 3	2 - P2SP
	7	8	9 NET PART GROUP WORD 3	8 Mission Mgmt/ Wpns Coord
0409	8	15	5 NOT USED	
	8	10	2 PACKING LIMIT. WORD 4	2 - P2SP
	8	8	9 NET PART GROUP WORD 4	9 Air Control
040a	9	15	5 NOT USED	
	9	10	2 PACKING LIMIT. WORD 5	2 - P2SP
	9	8	9 NET PART GROUP WORD 5	10 Electronic Warfare
0413	10	15	5 NOT USED	
	10	10	2 PACKING LIMIT. WORD 6	2 - P2SP
	10	8	9 NET PART GROUP WORD 6	19 Ftr-to-Ftr Targeting A
040c	11	15	5 NOT USED	
	11	10	2 PACKING LIMIT. WORD 7	2 - P2SP
	11	8	9 NET PART GROUP WORD 7	12 Voice Group A
0000	12-32	15	5 NOT USED	
	12-32	10	2 PACKING LIMIT. WORD 8-28	0 - STD
	12-32	8	9 NET PART GROUP WORD 8-28	0 - STD

			BLOCK 24	
HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE

0000	3- 6	15	5 NOT USED	
	3- 6	10	2 PACKING LIMIT. WORD 29-32	0 - STD
	3- 6	8	9 NET PART GROUP WORD 29-32	0 - STD
0000	7-32	15	16 NOT USED	

			BLOCK 44	
HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE

E-2C PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
TSR POOL 0 (Words 3-5)				
0000	3	15	1	DATA CHANGE VALIDITY
	3	14	1	OPERATE/SUSPEND PARAMETER
	3	13	3	BASIC BLK RECURRENCE RATE MODIFIER
	3	10	1	RESERVED FOR FUTURE USE
	3	9	1	HOST NET MANAGER
	3	8	5	REALLOCATION PERIOD OFFSET
	3	3	4	REALLOCATON PERIOD LENGTH
0000	4	15	1	CENTRALIZED MODE
	4	14	1	DISSEMINATION MODE
	4	13	1	DEMAND LIMIT OVERRIDE
	4	12	1	RESERVED FOR FUTURE USE
	4	11	6	TABLE POSITION
	4	5	3	HOP COUNT THRESHOLD
	4	2	3	DELETION THRESHOLD
0000	5	15	11	NUMBER OF MESSAGES
	5	4	5	AVG NUMBER OF WORDS PER MESSAGE
TSR POOL 1 (Words 6-8)				
0000	6	15	1	DATA CHANGE VALIDITY
	6	14	1	OPERATE/SUSPEND PARAMETER
	6	13	3	BASIC BLK RECURRENCE RATE MODIFIER
	6	10	1	RESERVED FOR FUTURE USE
	6	9	1	HOST NET MANAGER
	6	8	5	REALLOCATION PERIOD OFFSET
	6	3	4	REALLOCATON PERIOD LENGTH
0000	7	15	1	CENTRALIZED MODE
	7	14	1	DISSEMINATION MODE
	7	13	1	DEMAND LIMIT OVERRIDE
	7	12	1	RESERVED FOR FUTURE USE
	7	11	6	TABLE POSITION
	7	5	3	HOP COUNT THRESHOLD
	7	2	3	DELETION THRESHOLD
0000	8	15	11	NUMBER OF MESSAGES
	8	4	5	AVG NUMBER OF WORDS PER MESSAGE
TSR POOL 2 (Words 9-11)				
0000	9	15	1	DATA CHANGE VALIDITY
	9	14	1	OPERATE/SUSPEND PARAMETER
	9	13	3	BASIC BLK RECURRENCE RATE MODIFIER
	9	10	1	RESERVED FOR FUTURE USE
	9	9	1	HOST NET MANAGER
	9	8	5	REALLOCATION PERIOD OFFSET
	9	3	4	REALLOCATON PERIOD LENGTH
0000	10	15	1	CENTRALIZED MODE
	10	14	1	DISSEMINATION MODE
	10	13	1	DEMAND LIMIT OVERRIDE
	10	12	1	RESERVED FOR FUTURE USE
	10	11	6	TABLE POSITION
	10	5	3	HOP COUNT THRESHOLD
	10	2	3	DELETION THRESHOLD
0000	11	15	11	NUMBER OF MESSAGES
	11	4	5	AVG NUMBER OF WORDS PER MESSAGE
TSR POOL 3 (Words 12-14)				
0000	12	15	1	DATA CHANGE VALIDITY
	12	14	1	OPERATE/SUSPEND PARAMETER
	12	13	3	BASIC BLK RECURRENCE RATE MODIFIER
	12	10	1	RESERVED FOR FUTURE USE
	12	9	1	HOST NET MANAGER
	12	8	5	REALLOCATION PERIOD OFFSET

E-2C PLATFORMS

	HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
	12	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	13	15	1	CENTRALIZED MODE	0 - Disable
	13	14	1	DISSEMINATION MODE	0 - STN_Mode
	13	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	13	12	1	RESERVED FOR FUTURE USE	
	13	11	6	TABLE POSITION	0 - nth index
	13	5	3	HOP COUNT THRESHOLD	0 - hops
	13	2	3	DELETION THRESHOLD	0 - realloc prd
0000	14	15	11	NUMBER OF MESSAGES	0 - messages
	14	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 4 (Words 15-17)	
0000	15	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	15	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	15	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	15	10	1	RESERVED FOR FUTURE USE	
	15	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	15	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	15	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	16	15	1	CENTRALIZED MODE	0 - Disable
	16	14	1	DISSEMINATION MODE	0 - STN_Mode
	16	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	16	12	1	RESERVED FOR FUTURE USE	
	16	11	6	TABLE POSITION	0 - nth index
	16	5	3	HOP COUNT THRESHOLD	0 - hops
	16	2	3	DELETION THRESHOLD	0 - realloc prd
0000	17	15	11	NUMBER OF MESSAGES	0 - messages
	17	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 5 (Words 18-20)	
0000	18	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	18	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	18	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	18	10	1	RESERVED FOR FUTURE USE	
	18	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	18	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	18	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	19	15	1	CENTRALIZED MODE	0 - Disable
	19	14	1	DISSEMINATION MODE	0 - STN_Mode
	19	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	19	12	1	RESERVED FOR FUTURE USE	
	19	11	6	TABLE POSITION	0 - nth index
	19	5	3	HOP COUNT THRESHOLD	0 - hops
	19	2	3	DELETION THRESHOLD	0 - realloc prd
0000	20	15	11	NUMBER OF MESSAGES	0 - messages
	20	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 6 (Words 21-23)	
0000	21	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	21	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	21	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	21	10	1	RESERVED FOR FUTURE USE	
	21	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	21	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	21	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	22	15	1	CENTRALIZED MODE	0 - Disable
	22	14	1	DISSEMINATION MODE	0 - STN_Mode
	22	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	22	12	1	RESERVED FOR FUTURE USE	
	22	11	6	TABLE POSITION	0 - nth index
	22	5	3	HOP COUNT THRESHOLD	0 - hops

E-2C PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	22	2	DELETION THRESHOLD	0 - realloc prd
	23	15	NUMBER OF MESSAGES	0 - messages
	23	4	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
			TSR POOL 7 (Words 24-26)	
0000	24	15	DATA CHANGE VALIDITY	0 - Not_Valid
	24	14	OPERATE/SUSPEND PARAMETER	0 - Suspend
	24	13	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	24	10	RESERVED FOR FUTURE USE	
	24	9	HOST NET MANAGER	0 - Host_Not_Mg
	24	8	REALLOCATION PERIOD OFFSET	0 - seconds
	24	3	REALLOCATON PERIOD LENGTH	0 - seconds
0000	25	15	CENTRALIZED MODE	0 - Disable
	25	14	DISSEMINATION MODE	0 - STN_Mode
	25	13	DEMAND LIMIT OVERRIDE	0 - 22 percent
	25	12	RESERVED FOR FUTURE USE	
	25	11	TABLE POSITION	0 - nth index
	25	5	HOP COUNT THRESHOLD	0 - hops
	25	2	DELETION THRESHOLD	0 - realloc prd
0000	26	15	NUMBER OF MESSAGES	0 - messages
	26	4	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
----	27-32	15	SPARE	

***** BLOCK 56				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0004	3	15	11 NOT USED	
	3	4	5 MESSAGE RATE	4 - 4 Sub/Adr
000a	4	15	7 NOT USED	
	4	8	9 NPG BUFFER 3	10 - NPG 10
0000	5	15	7 NOT USED	
	5	8	9 NPG A	0 - No Statement
0000	6	15	7 NOT USED	
	6	8	9 NPG B	0 - No Statement
a837	7	15	16 HOST NPG FILTER WORDS	Prov NPG: 3, 6, 7, 8, 9, 10, 12, 14, Prov NPG: 19,
ffff7	8	15	16 HOST NPG FILTER WORDS	Prov NPG: 19,
0000	9	15	9 NOT USED	
	9	6	1 COMPOSITE BLANKING LOGIC LEVEL	0 - TRUE
	9	5	1 COMPOSITE BLANKING ENABLE	0 - DISABLE CB
	9	4	1 ADVANCED SLOT NOTIFICATION ENABLE	0 - DISABLE ASN
	9	3	3 ADVANCE VALUE	0 - Adv = 0
	9	0	1 ADV SLOT NOTIFICATION MODE SELECT	0 - MODE A
0000	10	15	1 RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	10	14	1 RELAY TRANSMIT	0 - Do Not Provide
	10	13	1 RELAY RECEIVE	0 - Do Not Provide
	10	12	1 TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	10	11	1 TRANSMIT OVER RECEIVE	0 - Do Not Provide
	10	10	1 TRANSMIT ONLY	0 - Do Not Provide
	10	9	1 RELAY ONLY	0 - Do Not Provide
	10	8	9 NPG	0 - No Statement
0000	11	15	1 RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	11	14	1 RELAY TRANSMIT	0 - Do Not Provide
	11	13	1 RELAY RECEIVE	0 - Do Not Provide
	11	12	1 TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	11	11	1 TRANSMIT OVER RECEIVE	0 - Do Not Provide
	11	10	1 TRANSMIT ONLY	0 - Do Not Provide
	11	9	1 RELAY ONLY	0 - Do Not Provide

E-2C PLATFORMS

	HEX	START				
	VALUE	WORD	BIT	LENGTH	PARAMETER	VALUE
	0000	11	8	9	NPG	0 - No Statement
	0000	12	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	0000	12	14	1	RELAY TRANSMIT	0 - Do Not Provide
	0000	12	13	1	RELAY RECEIVE	0 - Do Not Provide
	0000	12	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	0000	12	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	0000	12	10	1	TRANSMIT ONLY	0 - Do Not Provide
	0000	12	9	1	RELAY ONLY	0 - Do Not Provide
	0000	12	8	9	NPG	0 - No Statement
	0000	13	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	0000	13	14	1	RELAY TRANSMIT	0 - Do Not Provide
	0000	13	13	1	RELAY RECEIVE	0 - Do Not Provide
	0000	13	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	0000	13	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	0000	13	10	1	TRANSMIT ONLY	0 - Do Not Provide
	0000	13	9	1	RELAY ONLY	0 - Do Not Provide
	0000	13	8	9	NPG	0 - No Statement
	0000	14	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	0000	14	14	1	RELAY TRANSMIT	0 - Do Not Provide
	0000	14	13	1	RELAY RECEIVE	0 - Do Not Provide
	0000	14	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	0000	14	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	0000	14	10	1	TRANSMIT ONLY	0 - Do Not Provide
	0000	14	9	1	RELAY ONLY	0 - Do Not Provide
	0000	14	8	9	NPG	0 - No Statement
	0000	15	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	0000	15	14	1	RELAY TRANSMIT	0 - Do Not Provide
	0000	15	13	1	RELAY RECEIVE	0 - Do Not Provide
	0000	15	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	0000	15	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	0000	15	10	1	TRANSMIT ONLY	0 - Do Not Provide
	0000	15	9	1	RELAY ONLY	0 - Do Not Provide
	0000	15	8	9	NPG	0 - No Statement
0001	16	15	13	NOT USED		
0001	16	2	1	LONG TERM TRANSMIT INHIBIT CONTROL	0 - DISABLE	
0001	16	1	1	RELAY INHIBIT CONTROL	0 - DISABLE	
0001	16	0	1	LOOPBACK STATUS CONTROL	1 - PROV 3 MSGS	
80a5	17	15	1	OFFSET VALIDITY	1 - VALID	
	17	14	7	SPARE		
	17	7	4	TIME OF UPDATE OFFSET	10 - 100 msec	
	17	3	4	TIME OF COMP OFFSET	5 - 50 msec	
0001	18	15	14	SPARE		
0001	18	1	2	INERTIAL NAVIGATION SYSTEM TYPE	1 - ASN-92	
0007	19	15	7	NOT USED		
0009	19	8	9	NPG BUFFER 1	7 - NPG 7	
0009	20	15	7	NOT USED		
0009	20	8	9	NPG BUFFER 2	9 - NPG 9	
0000	21-32	15	16	SPARE		

	HEX	START			BLOCK 57	
	VALUE	WORD	BIT	LENGTH	PARAMETER	VALUE
	0000	3	15	9	NOT USED	
	007f	3	6	7	DEFAULT NET	0 - Net 0
007f	4	15	9	NOT USED		
007f	4	6	7	NET FOR NPG 1	127 - NoStatement	
007f	5	15	9	NOT USED		

E-2C PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
		5	6	NET FOR NPG 2	127 - NoStatement
0000	6	15	9	NOT USED	
		6	6	NET FOR NPG 3	0 - Net 0
007f	7	15	9	NOT USED	
		7	6	NET FOR NPG 4	127 - NoStatement
007f	8	15	9	NOT USED	
		8	6	NET FOR NPG 5	127 - NoStatement
0000	9	15	9	NOT USED	
		9	6	NET FOR NPG 6	0 - Net 0
0000	10	15	9	NOT USED	
		10	6	NET FOR NPG 7	0 - Net 0
0000	11	15	9	NOT USED	
		11	6	NET FOR NPG 8	0 - Net 0
0000	12	15	9	NOT USED	
		12	6	NET FOR NPG 9	0 - Net 0
0000	13	15	9	NOT USED	
		13	6	NET FOR NPG 10	0 - Net 0
007f	14	15	9	NOT USED	
		14	6	NET FOR NPG 11	127 - NoStatement
0000	15	15	9	NOT USED	
		15	6	NET FOR NPG 12	0 - Net 0
007f	16	15	9	NOT USED	
		16	6	NET FOR NPG 13	127 - NoStatement
0000	17	15	9	NOT USED	
		17	6	NET FOR NPG 14	0 - Net 0
007f	18	15	9	NOT USED	
		18	6	NET FOR NPG 15	127 - NoStatement
007f	19	15	9	NOT USED	
		19	6	NET FOR NPG 16	127 - NoStatement
007f	20	15	9	NOT USED	
		20	6	NET FOR NPG 17	127 - NoStatement
007f	21	15	9	NOT USED	
		21	6	NET FOR NPG 18	127 - NoStatement
0000	22	15	9	NOT USED	
		22	6	NET FOR NPG 19	0 - Net 0
007f	23	15	9	NOT USED	
		23	6	NET FOR NPG 20	127 - NoStatement
007f	24	15	9	NOT USED	
		24	6	NET FOR NPG 21	127 - NoStatement
007f	25	15	9	NOT USED	
		25	6	NET FOR NPG 22	127 - NoStatement
007f	26	15	9	NOT USED	
		26	6	NET FOR NPG 23	127 - NoStatement
007f	27	15	9	NOT USED	
		27	6	NET FOR NPG 24	127 - NoStatement
007f	28	15	9	NOT USED	
		28	6	NET FOR NPG 25	127 - NoStatement
007f	29	15	9	NOT USED	
		29	6	NET FOR NPG 26	127 - NoStatement
007f	30	15	9	NOT USED	
		30	6	NET FOR NPG 27	127 - NoStatement
007f	31	15	9	NOT USED	
		31	6	NET FOR NPG 28	127 - NoStatement
007f	32	15	9	NOT USED	
		32	6	NET FOR NPG 29	127 - NoStatement

BLOCK 58

HEX START

E-2C PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE

			BLOCK 63	
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0c20	3	15	1	LOOPBACK SELECT
	3	14	3	NOT USED
	3	11	1	TACAN STOP TRANSPOND
	3	10	1	TACAN STOP INTERROGATIONS
	3	9	4	NOT USED
	3	5	2	XMIT ANTENNA
	3	3	1	START NET ENTRY COMMAND
	3	2	1	THERMAL OVERRIDE COMMAND
	3	1	2	BUILT-IN-TEST (BIT) COMMAND
7f7f	4	15	1	NOT USED
	4	14	7	VOICE CHANNEL B NET NUMBER
	4	7	1	NOT USED
	4	6	7	VOICE CHANNEL A NET NUMBER
007f	5	15	9	NOT USED
	5	6	7	CONTROL CHANNEL NET NUMBER
0000	6	15	13	NOT USED
	6	2	1	IPF RESET
	6	1	1	NAVIGATION RESET
	6	0	1	NET ENTRY RESET
0000	7	15	1	VALIDITY (TIME OF DAY)
	7	14	4	NOT USED
	7	10	5	TIME OF DAY HOURS
	7	5	6	TIME OF DAY MINUTES
0000	8	15	3	NOT USED
	8	12	6	TIME OF DAY SECONDS
	8	5	6	TIME OF DAY SLOTS
8028	9	15	1	VALIDITY (TIME OF DAY ERROR)
	9	14	3	NOT USED
	9	11	6	TIME OF DAY ERROR MINUTES
	9	5	6	TIME OF DAY ERROR SECONDS
c000	10	15	2	TACAN ANTENNA PORT SELECT
	10	13	1	NOT USED
	10	12	1	POWER TEST
	10	11	1	MODE (A/A)
	10	10	1	TRANSMIT/RECEIVE-RECEIVE ONLY
	10	9	1	X MODE/Y MODE
	10	8	1	POWER TEST
	10	7	8	TACAN CHANNEL NUMBER
1000	11	15	3	SET TO LOGIC ZERO
	11	12	1	DME DELAY
	11	11	6	TACAN ANTENNA B CABLE DELAY
	11	5	6	TACAN ANTENNA A CABLE DELAY
73ff	12	15	16	OUTPUT PARAMETERS
0000	13	15	16	SPARE
0000	14	15	16	IFF CODES AS DEFINED IN JTIPD
0000	15	15	16	IFF CODES AS DEFINED IN JTIPD
0000	16	15	16	IFF CODES AS DEFINED IN JTIPD

E-2C PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	17-19	15	16	NOT USED BY NAVY
0000	20	15	15	NOT USED
	20	0	1	RECEIVER/SYNTHESIZER CIRCUMVENTION 0 - DontMonitor
0000	21	15	1	TADIL C ADDRESS INDICATOR 0 - See MS6016 Series
	21	14	15	TADIL C ADDRESS 0 - See MS6016 Series
0000	22-32	15	16	SPARE

F-14D PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
***** BLOCK 1				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
1059	3 15	1	RECEIVE MODE-FIXED VALUE NAVY	0 - Normal_Rcv
	3 14	2	TEST MODE	0 - No_Test_Msg
	3 12	3	TDMA XMIT MODE	4 - DataSilent
	3 9	2	RECEIVE ANTENNA CONFIGURATION	0 - DualAntenna
	3 7	1	HPA PRESENT	0 - Not_Present
	3 6	2	EXCITER OUTPUT CONTROL	2 - OFF
	3 4	2	IPF OVERRIDE	3 - OFF-100/50
	3 2	1	TDMA RANGE	0 - Normal
	3 1	2	COMMUNICATIONS MODE	1 - Mode_1
0000	4 15	1	NOT USED	
	4 14	15	PRIMARY TRACK NUMBER	0 - NoStatement
0102	5 15	3	RF LOOPBACK CONTROL-FIXED VAL AIR	0 - Mode_Dual
	5 12	3	HPA OUTPUT LEVEL	0 - OFF
	5 9	1	INPUT PRIORITY 0 - LAST_INPUT	
	5 8	2	R/T RECEIVER CONFIGURATION	2 - 8_Rcvrs
	5 6	1	RECORDER FUNCTION ON	0 - OFF
	5 5	1	PPLI POOL	0 - Pool_A+B
	5 4	1	NET TIME REFERENCE	0 - nonNTR
	5 3	1	POSITION REFERENCE	0 - Not_PR
	5 2	3	ORGANIZATIONAL USER TYPE	2 - Primary
0005	6 15	5	NOT USED	
	6 10	1	OTAR MODE	0 - No_OTARMode
	6 9	3	NOT USED	
	6 6	1	CURRENT CRYPTOPERIOD DESIGNATOR	0 - Period=Zero
	6 5	3	SEQUENCE NUMBER	0 - 24Hr_Period
	6 2	1	NET ENTRY TRANSMIT ENABLE	1 - Enabled
	6 1	1	EXTERNAL TIME REFERENCE	0 - Don'tUse
	6 0	1	TAPE RECORDER PORT SELECTION	1 - TSRD
000a	7 15	6	NOT USED	
	7 9	1	LOOPBACK PATH	0 - NoLoopBack
	7 8	2	PLATFORM TRANSMIT TYPE	0 - R/T_EmerXmt
	7 6	4	STRENGTH	1 - 1_Unit
	7 2	3	PLATFORM TYPE	2 - 2?
0000	8 15	16	STATION LATITUDE (COARSE)	0 - NoStatement
0000	9 15	8	STATION LATITUDE (FINE)	0 - NoStatement
	9 7	8	NOT USED	
0000	10 15	16	STATION LONGITUDE (COARSE)	0 - NoStatement
0000	11 15	8	STATION LONGITUDE (FINE)	0 - NoStatement
	11 7	8	NOT USED	
0000	12 15	16	HOST PLATFORM ANTENNA HEIGHT	0 - NoStatement
020a	13 15	1	STATION POSITION VALIDITY	0 - Invalid
	13 14	5	NOT USED	
	13 9	5	HEIGHT UNCERTAINTY	16 - <=65.9Feet
	13 4	5	POSITION UNCERTAINTY	10 - <=1006.1
8000	14 15	16	GRID ORIGIN LATITUDE (COARSE)	0 - NoStatement
0000	15 15	8	GRID ORIGIN LATITUDE (FINE)	0 - NoStatement
	15 7	8	NOT USED	
8000	16 15	16	GRID ORIGIN LONGITUDE (COARSE)	0 - NoStatement
0000	17 15	8	GRID ORIGIN LONGITUDE (FINE)	0 - NoStatement
	17 7	8	NOT USED	
0000	18 15	16	RESERVED FOR FUTURE GROWTH	
0000	19 15	9	NOT USED	
	19 6	7	DEFAULT NET NUMBER	0 - Net 0
0101	20 15	1	NOT USED	

F-14D PLATFORMS

	HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
8101	20	14	7	DEFAULT TSEC VARIABLE	1 - CVLL 1
	20	7	1	NOT USED	
	20	6	7	DEFAULT MSEC VARIABLE	1 - CVLL 1
	21	15	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	21	14	7	VARIABLE CODE FOR LOCATION 1	1 - CVLL 1
	21	7	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	21	6	7	VARIABLE CODE FOR LOCATION 0	1 - CVLL 1
	8000	22	15	1	CRYPTO PERIOD DESIGNATOR
	8000	22	14	7	VARIABLE CODE FOR LOCATION 3
	8000	22	7	CRYPTO PERIOD DESIGNATOR	0 - Period 0
8000	22	6	7	VARIABLE CODE FOR LOCATION 2	0 - NoStatement
	23	15	1	CRYPTO PERIOD DESIGNATOR	1 - Period 1
	23	14	7	VARIABLE CODE FOR LOCATION 5	0 - NoStatement
	23	7	1	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	23	6	7	VARIABLE CODE FOR LOCATION 4	0 - NoStatement
	8000	24	15	1	CRYPTO PERIOD DESIGNATOR
	8000	24	14	7	VARIABLE CODE FOR LOCATION 7
	8000	24	7	CRYPTO PERIOD DESIGNATOR	0 - Period 0
	8000	24	6	VARIABLE CODE FOR LOCATION 6	0 - NoStatement
	0000	25	15	8	NOT USED
000c	25	7	8	TRANSMIT ANTENNA C CABLE DELAY	0 - 0.0 nsecs
	26	15	4	NOT USED	
	26	11	1	PORT 2 CODED VOICE-FIXED VALUE NAVY	0 - Uncode
	26	10	2	VOICE PORT 2 RATE-FIXED VALUE NAVY	0 - 16Kbps
	26	8	5	NOT USED	
	26	3	1	PORT 1 CODED VOICE-FIXED VALUE NAVY	1 - Coded
	26	2	2	VOICE PORT 1 RATE-FIXED VALUE NAVY	2 - 2?
	26	0	1	VOICE CHANNELIZATION	0 - A=1/B=2
	0000	27	15	8	NOT USED
	0204	27	7	ETR CABLE DELAY	0 - 0.0 nsecs
0204	28	15	8	RT TO DDP CABLE DELAY	2 - 25.0 nsecs
	28	7	8	ANTENNA A CABLE DELAY	4 - 50.0 nsecs
0007	29	15	8	NOT USED BY NAVY	
	29	7	8	ANTENNA B CABLE DELAY	7 - 87.5 nsecs
0000	30	15	16	NOT USED BY NAVY	
0000	31	15	16	NOT USED BY NAVY	
0000	32	15	8	LOOPBACK VALUE BEYOND R/T ANT B	0 - 0.0 nsecs
0000	32	7	8	LOOPBACK VALUE BEYOND R/T ANT A	0 - 0.0 nsecs

***** BLOCK 2

	HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
8000	3	15	1	SECONDARY OR FLT MEMBER TN 1	1 - FlightMem
	3	14	15	SECONDARY TRACK NUMBER 1	NoStatement
8000	4	15	1	SECONDARY OR FLT MEMBER TN 2	1 - FlightMem
	4	14	15	SECONDARY TRACK NUMBER 2	NoStatement
8000	5	15	1	SECONDARY OR FLT MEMBER TN 3	1 - FlightMem
	5	14	15	SECONDARY TRACK NUMBER 3	100000 OCTAL
8000	6	15	1	SECONDARY OR FLT MEMBER TN 4	1 - FlightMem
	6	14	15	SECONDARY TRACK NUMBER 4	NoStatement
8000	7	15	1	SECONDARY OR FLT MEMBER TN 5	1 - FlightMem
	7	14	15	SECONDARY TRACK NUMBER 5	NoStatement
8000	8	15	1	SECONDARY OR FLT MEMBER TN 6	1 - FlightMem
	8	14	15	SECONDARY TRACK NUMBER 6	NoStatement
8000	9	15	1	SECONDARY OR FLT MEMBER TN 7	1 - FlightMem
	9	14	15	SECONDARY TRACK NUMBER 7	NoStatement
8000	10	15	1	SECONDARY OR FLT MEMBER TN 8	1 - FlightMem

F-14D PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
	10	14	15	SECONDARY TRACK NUMBER 8
8000	11	15	1	SECONDARY OR FLT MEMBER TN 9
	11	14	15	SECONDARY TRACK NUMBER 9
8000	12	15	1	SECONDARY OR FLT MEMBER TN 10
	12	14	15	SECONDARY TRACK NUMBER 10
8000	13	15	1	SECONDARY OR FLT MEMBER TN 11
	13	14	15	SECONDARY TRACK NUMBER 11
8000	14	15	1	SECONDARY OR FLT MEMBER TN 12
	14	14	15	SECONDARY TRACK NUMBER 12
8000	15	15	1	SECONDARY OR FLT MEMBER TN 13
	15	14	15	SECONDARY TRACK NUMBER 13
8000	16	15	1	SECONDARY OR FLT MEMBER TN 14
	16	14	15	SECONDARY TRACK NUMBER 14
8000	17	15	1	SECONDARY OR FLT MEMBER TN 15
	17	14	15	SECONDARY TRACK NUMBER 15
8000	18	15	1	SECONDARY OR FLT MEMBER TN 16
	18	14	15	SECONDARY TRACK NUMBER 16
0003	19	15	10	NOT USED
	19	5	2	REPROMULGATION CONTROL
	19	3	4	REPROMULGATION HOP COUNT
0040	20	15	1	NOT USED BY NAVY
	20	14	1	NOT USED BY NAVY
	20	13	1	NOT USED BY NAVY
	20	12	1	NOT USED BY NAVY
	20	11	1	NOT USED BY NAVY
	20	10	1	NOT USED BY NAVY
	20	9	1	NOT USED BY NAVY
	20	8	1	BAILOUT INDICATOR
	20	7	1	FLIGHT LEADER INDICATOR
	20	6	1	AIRBORNE INDICATOR
	20	5	1	SIMULATION INDICATOR
	20	4	1	COMMAND & CONTROL INDICATOR
	20	3	1	EMERGENCY INDICATOR
	20	2	1	FORCE TELL INDICATOR
	20	1	1	NOT USED BY NAVY
	20	0	1	EXERCISE INDICATOR
0001	21	15	3	SPARE
	21	12	7	PLATFORM ACTIVITY (MARINE)
	21	5	6	PLATFORM ID (MARINE)
0000	22	15	8	MISSION CORRELATOR 1
	22	7	8	MISSION CORRELATOR 0
0000	23	15	8	MISSION CORRELATOR 3
	23	7	8	MISSION CORRELATOR 2
0000	24	15	8	MISSION CORRELATOR 5
	24	7	8	MISSION CORRELATOR 4
0000	25	15	8	MISSION CORRELATOR 7
	25	7	8	MISSION CORRELATOR 6
ffff	26	15	1	KF STATE VECTOR & COVARIANCE
	26	14	1	SYNCHRONIZATION FILTER DATA
	26	13	1	NOT USED
	26	12	1	NOT USED
	26	11	1	SICP STATUS
	26	10	1	NICP 12-SEC STATUS REPORT DTB
	26	9	1	MESSAGE STATUS
	26	8	1	REAL TIME SLOT SEQUENCE
	26	7	1	NPG MAPPING STATUS
	26	6	1	NICP INITIAL DATA STATUS RSP
	26	5	1	BI-DIRECT INITIALIZATION DATA

F-14D PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
26	4	1	NAVIGATION DATA FROM NICP	1 - Off
26	3	1	START-UP NAVIGATION DATA	1 - Off
26	2	1	NAVIGATION DATA FROM SICP	1 - Off
26	1	1	RECEIVED MSG/LOOPBACK TRANSMISSION	1 - Off
26	0	1	MESSAGE TO TRANSMIT	1 - Off
ffff	27	15	NOT USED BY NAVY	1 - Off
27	14	1	NOT USED BY NAVY	1 - Off
27	13	1	NOT USED BY NAVY	1 - Off
27	12	1	NOT USED BY NAVY	1 - Off
27	11	1	RTSS DATA AS MODIFIED BY TSR SELECT	1 - Off
27	10	1	CONTROL DISCRETE DATA	1 - Off
27	9	1	TACAN DATA	1 - Off
27	8	1	NOT USED BY NAVY	1 - Off
27	7	1	NOT USED BY NAVY	1 - Off
27	6	1	SICP MEMORY BLOCKS	1 - Off
27	5	1	NOT USED BY NAVY	1 - Off
27	4	1	MUX DATA	1 - Off
27	3	1	PANEL (SACP/SICP & SICP/SACP) DATA	1 - Off
27	2	1	TERMINAL STATUS	1 - Off
27	1	1	SPARE	1 - Off
27	0	1	KF FILTER OBSERVATION DATA	1 - Off
ffff	28	15	RESERVED FOR FUTURE GROWTH	Off
ffff	29	15	NOT USED BY NAVY	Off
0000	30	15	NOT USED	
003f	31	15	NOT USED	
	31	5	CONTROL	1 - Don't_Use
	31	4	PPLI B	1 - Don't_Use
	31	3	PPLI A	1 - Don't_Use
	31	2	RTT	1 - Don't_Use
	31	1	VOICE B	1 - Don't_Use
	31	0	VOICE A	1 - Don't_Use
0000	32	15	8 RECEIVE ANTENNA B CABLE DELAY	0.0 nsecs
	32	7	8 RECEIVE ANTENNA A CABLE DELAY	0.0 nsecs

BLOCK 16

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
ffff	3	15	16 HOST MESSAGE FILTER WORD	Do not provide
4092	4	15	16 HOST MESSAGE FILTER WORD	Do not provide: J2.1 J2.4 J2.7 J3.6
ffff	5	15	16 HOST MESSAGE FILTER WORD	Do not provide
feff	6	15	16 HOST MESSAGE FILTER WORD	Provide: J7.0
ffff	7	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffffb	8	15	16 HOST MESSAGE FILTER WORD	Provide: J10.2
fb0c	9	15	16 HOST MESSAGE FILTER WORD	Provide: J12.0 J12.1 J12.4 J12.5 J12.6 J12.7 J13.2
ffff	10	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	11	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	12	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	13	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	14	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	15	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	16	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	17	15	16 HOST MESSAGE FILTER WORD	Do not provide
ffff	18	15	16 HOST MESSAGE FILTER WORD	Do not provide
0404	19	15	5 NOT USED	

F-14D PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
19	10	1	NON-VOICE FREE TEXT FILTER	1 - Do Not Provide
19	9	7	NOT USED	
19	2	1	ALL TRACK NUMBERS FILTER	1 - Do Not Provide
19	1	1	SECONDARY TRACK NUMBER FILTER	0 - Provide
19	0	1	PRIMARY TRACK NUMBER FILTER	0 - Provide
0000	20-32	15	16 NOT USED	

BLOCK 17				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3	15	1 NOT USED	
	3	14	7 NO OF CHANNELS IN VOICE GROUP A	0 - No Assign
	3	7	1 NOT USED	
	3	6	7 STARTING NET FOR VOICE GROUP A	0 - Net 0
0000	4	15	1 NOT USED	
	4	14	7 NO OF CHANNELS IN VOICE GROUP B	0 - No Assign
	4	7	1 NOT USED	
	4	6	7 STARTING NET FOR VOICE GROUP B	0 - Net 0
0000	5	15	1 NOT USED	
	5	14	7 NO OF CHANNELS IN CONTROL GROUP	0 - No Assign
	5	7	1 NOT USED	
	5	6	7 STARTING NET FOR CONTROL GROUP	0 - Net 0
0000	6-32	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	6-32	14	7 VAR FOR NET N+1	0 - NICP Assign
	6-32	7	1 VAR FOR NET N VALIDITY CHANNEL	0 - Invalid
	6-32	6	7 VAR FOR NET N	0 - NICP Assign

BLOCK 18				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7 VAR FOR NET N+1	0 - NICP Assign
	3	7	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7 VAR FOR NET N+1	0 - NICP Assign

BLOCK 19				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7 VAR FOR NET N+1	0 - NICP Assign
	3	7	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7 VAR FOR NET N+1	0 - NICP Assign

BLOCK 20				
HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	3	15	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	14	7 VAR FOR NET N+1	0 - NICP Assign
	3	7	1 VAR FOR NET N+1 VALIDITY CHANNEL	0 - Invalid
	3	6	7 VAR FOR NET N+1	0 - NICP Assign
0400	12	15	16 INITIAL ENTRY WORD 1	1024-SEE MS6016 Series
007f	13	15	16 INITIAL ENTRY WORD 2	127-SEE MS6016 Series
0000	14	15	16 INITIAL ENTRY WORD 3	0 - SEE MS6016 Series

F-14D PLATFORMS

HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
0000	15	15	16 INITIAL ENTRY WORD 4	0 - SEE MS6016 Series
0000	16	15	16 INITIAL ENTRY WORD 5	0 - SEE MS6016 Series
0000	17	15	16 INITIAL ENTRY WORD 6	0 - SEE MS6016 Series
0000	18	15	16 INITIAL ENTRY WORD 7	0 - SEE MS6016 Series
0000	19	15	16 INITIAL ENTRY WORD 8	0 - SEE MS6016 Series
0000	20	15	16 INITIAL ENTRY WORD 9	0 - SEE MS6016 Series
0000	21	15	16 INITIAL ENTRY WORD 10	0 - SEE MS6016 Series
ffff	22	15	16 MUX DATA FILTER INPUT WORD 1	DO NOT PROVIDE
ffff	23	15	16 MUX DATA FILTER INPUT WORD 2	DO NOT PROVIDE
ffff	24	15	16 MUX DATA FILTER OUTPUT WORD 1	DO NOT PROVIDE
ffff	25	15	16 MUX DATA FILTER OUTPUT WORD 2	DO NOT PROVIDE
0000	26	15	16 NOT USED BY NAVY	
0000	27	15	16 NOT USED BY NAVY	
0000	28	15	16 NOT USED BY NAVY	
0000	29	15	16 NOT USED BY NAVY	
0000	30	15	4 REC BLK NO 1 STARTING ADD MSBs	0 - (No Statement)
	30	11	5 NOT USED	
	30	6	7 WORD COUNT BLOCK NO 1	0 - (No Statement)
0000	31	15	16 REC BLK NO 1 STARTING ADD LSBs	0 - (No Statement)
0000	32	15	16 RATE BLOCK NUMBER 1	0 - DO NOT OUTPUT

BLOCK 21

HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
0000	3-30	15	4 REC BLK NO 2-11 STARTING ADD MSBs	0 - (No Statement)
	3-30	11	5 NOT USED	
	3-30	6	7 WORD COUNT BLOCK NO 2-11	0 - (No Statement)
0000	4-31	15	16 REC BLK NO 2-11 STARTING ADD LSBs	0 - (No Statement)
0000	5-32	15	16 RATE BLOCK NUMBER 2-11	0 - DO NOT OUTPUT

BLOCK 22

HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
0000	3-15	15	4 REC BLK NO 12-16 STARTING ADD MSBs	0 - (No Statement)
	3-15	11	5 NOT USED	
	3-15	6	7 WORD COUNT BLOCK NO 12-16	0 - (No Statement)
0000	4-16	15	16 REC BLK NO 12-16 STARTING ADD LSBs	0 - (No Statement)
0000	5-17	15	16 RATE BLOCK NUMBER 12-16	0 - DO NOT OUTPUT
ffff	18	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	19	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	20	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	21	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	22	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	23	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	24	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	25	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	26	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	27	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	28	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	29	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	30	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	31	15	16 TSRD MESSAGE FILTER WORD	Do not provide
ffff	32	15	16 TSRD MESSAGE FILTER WORD	Do not provide

BLOCK 23

HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE

F-14D PLATFORMS

HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
fffff	3	15	16 TSRD MESSAGE FILTER WORD	Do not provide
fffff	4	15	4 NOT USED	
	4	11	1 RECEIVED MESSAGE HEADERS	1 - DO NOT PROVIDE
	4	10	1 RCV NOV-VOIC FREE TXT MSG	1 - DO NOT PROVIDE
	4	9	1 RECEIVED VOICE B MESSAGES	1 - DO NOT PROVIDE
	4	8	1 RECEIVED VOICE A MESSAGES	1 - DO NOT PROVIDE
	4	7	1 SPARE(NOT USED BY NAVY)	
	4	6	1 ALL LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	5	1 RTT LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	4	1 TEST LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	3	1 PPLI LOOPBACK MESSAGES	1 - DO NOT PROVIDE
	4	2	1 ALL TRACK NUMBERS FILTERS	1 - DO NOT PROVIDE
	4	1	1 SECONDARY TRACK NO FILTER	1 - DO NOT PROVIDE
	4	0	1 PRIMARY TRACK NO FILTER	1 - DO NOT PROVIDE
0405	5	15	5 NOT USED	
	5	10	2 PACKING LIMIT. WORD 1	2 - P2SP
	5	8	9 NET PART GROUP WORD 1	5 PPLI and Status A
0406	6	15	5 NOT USED	
	6	10	2 PACKING LIMIT. WORD 2	2 - P2SP
	6	8	9 NET PART GROUP WORD 2	6 PPLI and Status B
0409	7	15	5 NOT USED	
	7	10	2 PACKING LIMIT. WORD 3	2 - P2SP
	7	8	9 NET PART GROUP WORD 3	9 Air Control
0413	8	15	5 NOT USED	
	8	10	2 PACKING LIMIT. WORD 4	2 - P2SP
	8	8	9 NET PART GROUP WORD 4	19 Ftr-to-Ftr Targeting A
040C	9	15	5 NOT USED	
	9	10	2 PACKING LIMIT. WORD 5	2 - P2SP
	9	8	9 NET PART GROUP WORD 5	12 Voice Group A
0000	10-32	15	5 NOT USED	
	10-32	10	2 PACKING LIMIT. WORD 6-28	0 - STD
	10-32	8	9 NET PART GROUP WORD 6-28	0 - STD

BLOCK 24

HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
<hr/>				
0000	3- 6	15	5 NOT USED	
	3- 6	10	2 PACKING LIMIT. WORD 29-32	0 - STD
	3- 6	8	9 NET PART GROUP WORD 29-32	0 - STD
0000	7-32	15	16 NOT USED	

BLOCK 41

HEX VALUE	WORD	BIT LENGTH	PARAMETER	VALUE
<hr/>				
0000	3	15	1 NOT USE	
	3	14	15 SOURCE TRACK NUMBER	0
0000	4	15	1 NOT USE	
	4	14	15 SOURCE TRACK NUMBER	0
0000	5	15	1 NOT USE	
	5	14	15 SOURCE TRACK NUMBER	0
0000	6	15	1 NOT USE	
	6	14	15 SOURCE TRACK NUMBER	0
0000	7	15	1 NOT USE	

F-14D PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
		7	14	SOURCE TRACK NUMBER	0
0000	8	15	1	NOT USE	0
		8	14	SOURCE TRACK NUMBER	0
0000	9	15	1	NOT USE	0
		9	14	SOURCE TRACK NUMBER	0
0000	10	15	1	NOT USE	0
		10	14	SOURCE TRACK NUMBER	0
0000	11	15	1	NOT USE	0
		11	14	SOURCE TRACK NUMBER	0
0000	12	15	1	NOT USE	0
		12	14	SOURCE TRACK NUMBER	0
0000	13	15	1	NOT USE	0
		13	14	SOURCE TRACK NUMBER	0
0000	14	15	1	NOT USE	0
		14	14	SOURCE TRACK NUMBER	0
0000	15	15	1	NOT USE	0
		15	14	SOURCE TRACK NUMBER	0
0000	16	15	1	NOT USE	0
		16	14	SOURCE TRACK NUMBER	0
0000	17	15	1	NOT USE	0
		17	14	SOURCE TRACK NUMBER	0
0000	18	15	1	NOT USE	0
		18	14	SOURCE TRACK NUMBER	0
485f	19	15	3	FIXED POINT CENTERED RANGE	2 - 200_nm
		19	12	HOST CENTERED RANGE	2 - 200_nm
		19	9	1	NOT USED
		19	8	1	NOT USED
		19	7	1	NOT USED
		19	6	1	NEW FILTER CAPABILITY
		19	5	1	FIXED POINT CENTERED RANGE FILTER
		19	4	1	HOST CENTERED RANGE FILTER
		19	3	1	BALLOUT INDICATOR FILTER
		19	2	1	EMERGENCY INDICATOR FILTER
		19	1	1	REFERENCE TRACK NUMBER FILTER
		19	0	1	SOURCE TRACK NUMBER FILTER
0000	20	15	16	LAT. FIXED POINT CENTERED RANGE	0 - radians
0000	21	15	16	LON. FIXED POINT CENTERED RANGE	0 - radians
----	22-32	15	16	SPARE	

BLOCK 42

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3	15	16	MSBs TN OBJ, TN REF, REF TN 1	0
0000	4	15	3	LSBs TN OBJ, TN REF, REF TN 1	0
	4	12	13	NOT USED	
0000	5	15	16	MSBs TN OBJ, TN REF, REF TN 2	0
0000	6	15	3	LSBs TN OBJ, TN REF, REF TN 2	0
	6	12	13	NOT USED	
0000	7	15	16	MSBs TN OBJ, TN REF, REF TN 3	0
0000	8	15	3	LSBs TN OBJ, TN REF, REF TN 3	0
	8	12	13	NOT USED	
0000	9	15	16	MSBs TN OBJ, TN REF, REF TN 4	0
0000	10	15	3	LSBs TN OBJ, TN REF, REF TN 4	0
	10	12	13	NOT USED	
0000	11	15	16	MSBs TN OBJ, TN REF, REF TN 5	0
0000	12	15	3	LSBs TN OBJ, TN REF, REF TN 5	0
	12	12	13	NOT USED	

F-14D PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	13	15	16	MSBs TN OBJ, TN REF, REF TN 6	0
0000	14	15	3	LSBs TN OBJ, TN REF, REF TN 6	0
	14	12	13	NOT USED	
0000	15	15	16	MSBs TN OBJ, TN REF, REF TN 7	0
0000	16	15	3	LSBs TN OBJ, TN REF, REF TN 7	0
	16	12	13	NOT USED	
0000	17	15	16	MSBs TN OBJ, TN REF, REF TN 8	0
0000	18	15	3	LSBs TN OBJ, TN REF, REF TN 8	0
	18	12	13	NOT USED	
0000	19	15	16	MSBs TN OBJ, TN REF, REF TN 9	0
0000	20	15	3	LSBs TN OBJ, TN REF, REF TN 9	0
	20	12	13	NOT USED	
0000	21	15	16	MSBs TN OBJ, TN REF, REF TN 10	0
0000	22	15	3	LSBs TN OBJ, TN REF, REF TN 10	0
	22	12	13	NOT USED	
0000	23	15	16	MSBs TN OBJ, TN REF, REF TN 11	0
0000	24	15	3	LSBs TN OBJ, TN REF, REF TN 11	0
	24	12	13	NOT USED	
0000	25	15	16	MSBs TN OBJ, TN REF, REF TN 12	0
0000	26	15	3	LSBs TN OBJ, TN REF, REF TN 12	0
	26	12	13	NOT USED	
0000	27	15	16	MSBs TN OBJ, TN REF, REF TN 13	0
0000	28	15	3	LSBs TN OBJ, TN REF, REF TN 13	0
	28	12	13	NOT USED	
0000	29	15	16	MSBs TN OBJ, TN REF, REF TN 14	0
0000	30	15	3	LSBs TN OBJ, TN REF, REF TN 14	0
	30	12	13	NOT USED	
0000	31	15	16	MSBs TN OBJ, TN REF, REF TN 15	0
0000	32	15	3	LSBs TN OBJ, TN REF, REF TN 15	0
	32	12	13	NOT USED	

***** BLOCK 43					
HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3	15	16	MSBs TN OBJ, TN REF, REF TN 16	0
0000	4	15	3	MSBs TN OBJ, TN REF, REF TN 16	0
	4	12	13	NOT USED	
fffff	5	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide
5292	6	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide: J2.1 J2.4 J2.7 J3.1 J3.4 J3.6
fffff	7	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide
feff	8	15	16	LABEL/SUBLABEL FILTER WORD	Provide: J7.0
fffff	9	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide
ffffb	10	15	16	LABEL/SUBLABEL FILTER WORD	Provide: J10.2
fb04	11	15	16	LABEL/SUBLABEL FILTER WORD	Provide: J12.0 J12.1 J12.3 J12.4 J12.5 J12.6 J12.7 J13.2
fffff	12	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide
fffff	13	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide
fffff	14	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide
fffff	15	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide
fffff	16	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide
fffff	17	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide
fffff	18	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide
fffff	19	15	16	LABEL/SUBLABEL FILTER WORD	Do not provide
7fff	20	15	16	LABEL/SUBLABEL FILTER WORD	Provide: J31.7

F-14D PLATFORMS

HEX VALUE	WORD	START BIT LENGTH	PARAMETER	VALUE
0000	21-32	15	16 NOT USED	

			BLOCK 44	
HEX VALUE				
WORD				
BIT LENGTH				
PARAMETER				

TSR POOL 0 (Words 3-5)				
0000	3	15	1	DATA CHANGE VALIDITY
	3	14	1	OPERATE/SUSPEND PARAMETER
	3	13	3	BASIC BLK RECURRENCE RATE MODIFIER
	3	10	1	RESERVED FOR FUTURE USE
	3	9	1	HOST NET MANAGER
	3	8	5	REALLOCATION PERIOD OFFSET
	3	3	4	REALLOCATON PERIOD LENGTH
0000	4	15	1	CENTRALIZED MODE
	4	14	1	DISSEMINATION MODE
	4	13	1	DEMAND LIMIT OVERRIDE
	4	12	1	RESERVED FOR FUTURE USE
	4	11	6	TABLE POSITION
	4	5	3	HOP COUNT THRESHOLD
	4	2	3	DELETION THRESHOLD
0000	5	15	11	NUMBER OF MESSAGES
	5	4	5	AVG NUMBER OF WORDS PER MESSAGE
TSR POOL 1 (Words 6-8)				
0000	6	15	1	DATA CHANGE VALIDITY
	6	14	1	OPERATE/SUSPEND PARAMETER
	6	13	3	BASIC BLK RECURRENCE RATE MODIFIER
	6	10	1	RESERVED FOR FUTURE USE
	6	9	1	HOST NET MANAGER
	6	8	5	REALLOCATION PERIOD OFFSET
	6	3	4	REALLOCATON PERIOD LENGTH
0000	7	15	1	CENTRALIZED MODE
	7	14	1	DISSEMINATION MODE
	7	13	1	DEMAND LIMIT OVERRIDE
	7	12	1	RESERVED FOR FUTURE USE
	7	11	6	TABLE POSITION
	7	5	3	HOP COUNT THRESHOLD
	7	2	3	DELETION THRESHOLD
0000	8	15	11	NUMBER OF MESSAGES
	8	4	5	AVG NUMBER OF WORDS PER MESSAGE
TSR POOL 2 (Words 9-11)				
0000	9	15	1	DATA CHANGE VALIDITY
	9	14	1	OPERATE/SUSPEND PARAMETER
	9	13	3	BASIC BLK RECURRENCE RATE MODIFIER
	9	10	1	RESERVED FOR FUTURE USE
	9	9	1	HOST NET MANAGER
	9	8	5	REALLOCATION PERIOD OFFSET
	9	3	4	REALLOCATON PERIOD LENGTH
0000	10	15	1	CENTRALIZED MODE
	10	14	1	DISSEMINATION MODE
	10	13	1	DEMAND LIMIT OVERRIDE
	10	12	1	RESERVED FOR FUTURE USE
	10	11	6	TABLE POSITION
	10	5	3	HOP COUNT THRESHOLD
	10	2	3	DELETION THRESHOLD
0000	11	15	11	NUMBER OF MESSAGES
	11	4	5	AVG NUMBER OF WORDS PER MESSAGE
TSR POOL 3 (Words 12-14)				

F-14D PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
0000	12	15	1 DATA CHANGE VALIDITY	0 - Not_Valid
	12	14	1 OPERATE/SUSPEND PARAMETER	0 - Suspend
	12	13	3 BASIC BLK RECURRENCE RATE MODIFIER	0 -
	12	10	1 RESERVED FOR FUTURE USE	
	12	9	1 HOST NET MANAGER	0 - Host_Not_Mg
	12	8	5 REALLOCATION PERIOD OFFSET	0 - seconds
	12	3	4 REALLOCATON PERIOD LENGTH	0 - seconds
0000	13	15	1 CENTRALIZED MODE	0 - Disable
	13	14	1 DISSEMINATION MODE	0 - STN_Mode
	13	13	1 DEMAND LIMIT OVERRIDE	0 - 22 percent
	13	12	1 RESERVED FOR FUTURE USE	
	13	11	6 TABLE POSITION	0 - nth index
	13	5	3 HOP COUNT THRESHOLD	0 - hops
	13	2	3 DELETION THRESHOLD	0 - realloc prd
0000	14	15	11 NUMBER OF MESSAGES	0 - messages
	14	4	5 AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
			TSR POOL 4 (Words 15-17)	
0000	15	15	1 DATA CHANGE VALIDITY	0 - Not_Valid
	15	14	1 OPERATE/SUSPEND PARAMETER	0 - Suspend
	15	13	3 BASIC BLK RECURRENCE RATE MODIFIER	0 -
	15	10	1 RESERVED FOR FUTURE USE	
	15	9	1 HOST NET MANAGER	0 - Host_Not_Mg
	15	8	5 REALLOCATION PERIOD OFFSET	0 - seconds
	15	3	4 REALLOCATON PERIOD LENGTH	0 - seconds
0000	16	15	1 CENTRALIZED MODE	0 - Disable
	16	14	1 DISSEMINATION MODE	0 - STN_Mode
	16	13	1 DEMAND LIMIT OVERRIDE	0 - 22 percent
	16	12	1 RESERVED FOR FUTURE USE	
	16	11	6 TABLE POSITION	0 - nth index
	16	5	3 HOP COUNT THRESHOLD	0 - hops
	16	2	3 DELETION THRESHOLD	0 - realloc prd
0000	17	15	11 NUMBER OF MESSAGES	0 - messages
	17	4	5 AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
			TSR POOL 5 (Words 18-20)	
0000	18	15	1 DATA CHANGE VALIDITY	0 - Not_Valid
	18	14	1 OPERATE/SUSPEND PARAMETER	0 - Suspend
	18	13	3 BASIC BLK RECURRENCE RATE MODIFIER	0 -
	18	10	1 RESERVED FOR FUTURE USE	
	18	9	1 HOST NET MANAGER	0 - Host_Not_Mg
	18	8	5 REALLOCATION PERIOD OFFSET	0 - seconds
	18	3	4 REALLOCATON PERIOD LENGTH	0 - seconds
0000	19	15	1 CENTRALIZED MODE	0 - Disable
	19	14	1 DISSEMINATION MODE	0 - STN_Mode
	19	13	1 DEMAND LIMIT OVERRIDE	0 - 22 percent
	19	12	1 RESERVED FOR FUTURE USE	
	19	11	6 TABLE POSITION	0 - nth index
	19	5	3 HOP COUNT THRESHOLD	0 - hops
	19	2	3 DELETION THRESHOLD	0 - realloc prd
0000	20	15	11 NUMBER OF MESSAGES	0 - messages
	20	4	5 AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
			TSR POOL 6 (Words 21-23)	
0000	21	15	1 DATA CHANGE VALIDITY	0 - Not_Valid
	21	14	1 OPERATE/SUSPEND PARAMETER	0 - Suspend
	21	13	3 BASIC BLK RECURRENCE RATE MODIFIER	0 -
	21	10	1 RESERVED FOR FUTURE USE	
	21	9	1 HOST NET MANAGER	0 - Host_Not_Mg
	21	8	5 REALLOCATION PERIOD OFFSET	0 - seconds
	21	3	4 REALLOCATON PERIOD LENGTH	0 - seconds

F-14D PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	22	15	1	CENTRALIZED MODE	0 - Disable
	22	14	1	DISSEMINATION MODE	0 - STN_Mode
	22	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	22	12	1	RESERVED FOR FUTURE USE	
	22	11	6	TABLE POSITION	0 - nth index
	22	5	3	HOP COUNT THRESHOLD	0 - hops
	22	2	3	DELETION THRESHOLD	0 - realloc prd
0000	23	15	11	NUMBER OF MESSAGES	0 - messages
	23	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
				TSR POOL 7 (Words 24-26)	
0000	24	15	1	DATA CHANGE VALIDITY	0 - Not_Valid
	24	14	1	OPERATE/SUSPEND PARAMETER	0 - Suspend
	24	13	3	BASIC BLK RECURRENCE RATE MODIFIER	0 -
	24	10	1	RESERVED FOR FUTURE USE	
	24	9	1	HOST NET MANAGER	0 - Host_Not_Mg
	24	8	5	REALLOCATION PERIOD OFFSET	0 - seconds
	24	3	4	REALLOCATON PERIOD LENGTH	0 - seconds
0000	25	15	1	CENTRALIZED MODE	0 - Disable
	25	14	1	DISSEMINATION MODE	0 - STN_Mode
	25	13	1	DEMAND LIMIT OVERRIDE	0 - 22 percent
	25	12	1	RESERVED FOR FUTURE USE	
	25	11	6	TABLE POSITION	0 - nth index
	25	5	3	HOP COUNT THRESHOLD	0 - hops
	25	2	3	DELETION THRESHOLD	0 - realloc prd
0000	26	15	11	NUMBER OF MESSAGES	0 - messages
	26	4	5	AVG NUMBER OF WORDS PER MESSAGE	0 - wd per mesg
----	27-32	15	16	SPARE	

BLOCK 56

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0003	3	15	11	NOT USED	
	3	4	5	MESSAGE RATE	3 - 3 Sub/Adr
0000	4	15	7	NOT USED	
	4	8	9	NPG BUFFER 3	0 - No Statement
0009	5	15	7	NOT USED	
	5	8	9	NPG A	9 - NPG 9
0013	6	15	7	NOT USED	
	6	8	9	NPG B	19 - NPG 19
a817	7	15	16	HOST NPG FILTER WORDS	Prov NPG: 3, 5, 6, 7, 8, 9, 10, 12, 14, Prov NPG: 19,
ffff7	8	15	16	HOST NPG FILTER WORDS	Prov NPG: 19,
000e	9	15	9	NOT USED	
	9	6	1	COMPOSITE BLANKING LOGIC LEVEL	0 - TRUE
	9	5	1	COMPOSITE BLANKING ENABLE	0 - DISABLE CB
	9	4	1	ADVANCED SLOT NOTIFICATION ENABLE	0 - DISABLE ASN
	9	3	3	ADVANCE VALUE	7 - Adv = 7
	9	0	1	ADV SLOT NOTIFICATION MODE SELECT	0 - MODE A
0000	10	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	10	14	1	RELAY TRANSMIT	0 - Do Not Provide
	10	13	1	RELAY RECEIVE	0 - Do Not Provide
	10	12	1	TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	10	11	1	TRANSMIT OVER RECEIVE	0 - Do Not Provide
	10	10	1	TRANSMIT ONLY	0 - Do Not Provide
	10	9	1	RELAY ONLY	0 - Do Not Provide
	10	8	9	NPG	0 - No Statement
0000	11	15	1	RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide

F-14D PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
	11	14	1 RELAY TRANSMIT	0 - Do Not Provide
	11	13	1 RELAY RECEIVE	0 - Do Not Provide
	11	12	1 TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	11	11	1 TRANSMIT OVER RECEIVE	0 - Do Not Provide
	11	10	1 TRANSMIT ONLY	0 - Do Not Provide
	11	9	1 RELAY ONLY	0 - Do Not Provide
	11	8	9 NPG	0 - No Statement
0000	12	15	1 RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	12	14	1 RELAY TRANSMIT	0 - Do Not Provide
	12	13	1 RELAY RECEIVE	0 - Do Not Provide
	12	12	1 TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	12	11	1 TRANSMIT OVER RECEIVE	0 - Do Not Provide
	12	10	1 TRANSMIT ONLY	0 - Do Not Provide
	12	9	1 RELAY ONLY	0 - Do Not Provide
	12	8	9 NPG	0 - No Statement
0000	13	15	1 RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	13	14	1 RELAY TRANSMIT	0 - Do Not Provide
	13	13	1 RELAY RECEIVE	0 - Do Not Provide
	13	12	1 TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	13	11	1 TRANSMIT OVER RECEIVE	0 - Do Not Provide
	13	10	1 TRANSMIT ONLY	0 - Do Not Provide
	13	9	1 RELAY ONLY	0 - Do Not Provide
	13	8	9 NPG	0 - No Statement
0000	14	15	1 RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	14	14	1 RELAY TRANSMIT	0 - Do Not Provide
	14	13	1 RELAY RECEIVE	0 - Do Not Provide
	14	12	1 TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	14	11	1 TRANSMIT OVER RECEIVE	0 - Do Not Provide
	14	10	1 TRANSMIT ONLY	0 - Do Not Provide
	14	9	1 RELAY ONLY	0 - Do Not Provide
	14	8	9 NPG	0 - No Statement
0000	15	15	1 RELAY TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	15	14	1 RELAY TRANSMIT	0 - Do Not Provide
	15	13	1 RELAY RECEIVE	0 - Do Not Provide
	15	12	1 TRANSMIT OVER RELAY RECEIVE	0 - Do Not Provide
	15	11	1 TRANSMIT OVER RECEIVE	0 - Do Not Provide
	15	10	1 TRANSMIT ONLY	0 - Do Not Provide
	15	9	1 RELAY ONLY	0 - Do Not Provide
	15	8	9 NPG	0 - No Statement
0001	16	15	13 NOT USED	
	16	2	1 LONG TERM TRANSMIT INHIBIT CONTROL	0 - DISABLE
	16	1	1 RELAY INHIBIT CONTROL	0 - DISABLE
	16	0	1 LOOPBACK STATUS CONTROL	1 - PROV 3 MSGS
0055	17	15	1 OFFSET VALIDITY	0 - INVALID
	17	14	7 SPARE	
	17	7	4 TIME OF UPDATE OFFSET	5 - 50 msec
	17	3	4 TIME OF COMP OFFSET	5 - 50 msec
0000	18	15	14 SPARE	
	18	1	2 INERTIAL NAVIGATION SYSTEM TYPE	0 - ASN-130A/139
0000	19	15	7 NOT USED	
	19	8	9 NPG BUFFER 1	0 - No Statement
0000	20	15	7 NOT USED	
	20	8	9 NPG BUFFER 2	0 - No Statement
0000	21-32	15	16 SPARE	

BLOCK 57

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
--------------	---------------	------------	-----------	-------

F-14D PLATFORMS

<u>HEX VALUE</u>	<u>WORD BIT</u>	<u>START LENGTH</u>	<u>PARAMETER</u>	<u>VALUE</u>
<hr/>				
0000	3	15	9 NOT USED	
	3	6	7 DEFAULT NET	0 - Net 0
007f	4	15	9 NOT USED	
	4	6	7 NET FOR NPG 1	127 - NoStatement
007f	5	15	9 NOT USED	
	5	6	7 NET FOR NPG 2	127 - NoStatement
0000	6	15	9 NOT USED	
	6	6	7 NET FOR NPG 3	0 - Net 0
007f	7	15	9 NOT USED	
	7	6	7 NET FOR NPG 4	127 - NoStatement
0000	8	15	9 NOT USED	
	8	6	7 NET FOR NPG 5	0 - Net 0
0000	9	15	9 NOT USED	
	9	6	7 NET FOR NPG 6	0 - Net 0
0000	10	15	9 NOT USED	
	10	6	7 NET FOR NPG 7	0 - Net 0
0000	11	15	9 NOT USED	
	11	6	7 NET FOR NPG 8	0 - Net 0
0000	12	15	9 NOT USED	
	12	6	7 NET FOR NPG 9	0 - Net 0
0000	13	15	9 NOT USED	
	13	6	7 NET FOR NPG 10	0 - Net 0
007f	14	15	9 NOT USED	
	14	6	7 NET FOR NPG 11	127 - NoStatement
0000	15	15	9 NOT USED	
	15	6	7 NET FOR NPG 12	0 - Net 0
007f	16	15	9 NOT USED	
	16	6	7 NET FOR NPG 13	127 - NoStatement
0000	17	15	9 NOT USED	
	17	6	7 NET FOR NPG 14	0 - Net 0
007f	18	15	9 NOT USED	
	18	6	7 NET FOR NPG 15	127 - NoStatement
007f	19	15	9 NOT USED	
	19	6	7 NET FOR NPG 16	127 - NoStatement
007f	20	15	9 NOT USED	
	20	6	7 NET FOR NPG 17	127 - NoStatement
007f	21	15	9 NOT USED	
	21	6	7 NET FOR NPG 18	127 - NoStatement
0000	22	15	9 NOT USED	
	22	6	7 NET FOR NPG 19	0 - Net 0
007f	23	15	9 NOT USED	
	23	6	7 NET FOR NPG 20	127 - NoStatement
007f	24	15	9 NOT USED	
	24	6	7 NET FOR NPG 21	127 - NoStatement
007f	25	15	9 NOT USED	
	25	6	7 NET FOR NPG 22	127 - NoStatement
007f	26	15	9 NOT USED	
	26	6	7 NET FOR NPG 23	127 - NoStatement
007f	27	15	9 NOT USED	
	27	6	7 NET FOR NPG 24	127 - NoStatement
007f	28	15	9 NOT USED	
	28	6	7 NET FOR NPG 25	127 - NoStatement
007f	29	15	9 NOT USED	
	29	6	7 NET FOR NPG 26	127 - NoStatement
007f	30	15	9 NOT USED	
	30	6	7 NET FOR NPG 27	127 - NoStatement
007f	31	15	9 NOT USED	

F-14D PLATFORMS

HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
	31	6	7	NET FOR NPG 28	127 - NoStatement
007f	32	15	9	NOT USED	
	32	6	7	NET FOR NPG 29	127 - NoStatement

BLOCK 58					
HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0000	3	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	4	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	5	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	6	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0060	7	15	16	FLYCATCHER INPUT WORD	1240784 - 1240784
0000	8	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	9	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	10	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	11	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	12	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	13	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	14	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	15	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	16	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	17	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	18	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	19	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	20	15	16	FLYCATCHER INPUT WORD	0 - Not Used
0000	21	15	15	NOT USED	
	21	0	1	FLYCATCHER CONTROL WORD	0 - DISABLED
0000	22-32	15	16	NOT USED	

BLOCK 63					
HEX VALUE	WORD	START BIT	LENGTH	PARAMETER	VALUE
0c10	3	15	1	LOOPBACK SELECT	0 - Normal_RF
	3	14	3	NOT USED	
	3	11	1	TACAN STOP TRANSPOND	1 - Normal
	3	10	1	TACAN STOP INTERROGATIONS	1 - Normal
	3	9	4	NOT USED	
	3	5	2	XMIT ANTENNA	1 - Antenna/A
	3	3	1	START NET ENTRY COMMAND	0 - DoNotStart
	3	2	1	THERMAL OVERRIDE COMMAND	0 - No_Override
	3	1	2	BUILT-IN-TEST (BIT) COMMAND	0 - Normal
7f7f	4	15	1	NOT USED	
	4	14	7	VOICE CHANNEL B NET NUMBER	127 - Deactivated
	4	7	1	NOT USED	
	4	6	7	VOICE CHANNEL A NET NUMBER	127 - Deactivated
007f	5	15	9	NOT USED	
	5	6	7	CONTROL CHANNEL NET NUMBER	127 - Deactivated
0000	6	15	13	NOT USED	
	6	2	1	IPF RESET	0 - DontPerform
	6	1	1	NAVIGATION RESET	0 - DontPerform
	6	0	1	NET ENTRY RESET	0 - Dont_Reinit
0000	7	15	1	VALIDITY (TIME OF DAY)	0 - Not_Valid
	7	14	4	NOT USED	
	7	10	5	TIME OF DAY HOURS	0 - 0 Hours
	7	5	6	TIME OF DAY MINUTES	0 - 0 Minutes
0000	8	15	3	NOT USED	

F-14D PLATFORMS

HEX VALUE	START WORD	BIT LENGTH	PARAMETER	VALUE
	8	12	6	TIME OF DAY SECONDS
	8	5	6	TIME OF DAY SLOTS
8028	9	15	1	VALIDITY (TIME OF DAY ERROR)
	9	14	3	NOT USED
	9	11	6	TIME OF DAY ERROR MINUTES
	9	5	6	TIME OF DAY ERROR SECONDS
0000	10	15	2	TACAN ANTENNA PORT SELECT
	10	13	1	NOT USED
	10	12	1	POWER TEST
	10	11	1	MODE (A/A)
	10	10	1	TRANSMIT/RECEIVE-RECEIVE ONLY
	10	9	1	X MODE/Y MODE
	10	8	1	POWER TEST
	10	7	8	TACAN CHANNEL NUMBER
1040	11	15	3	SET TO LOGIC ZERO
	11	12	1	DME DELAY
	11	11	6	TACAN ANTENNA B CABLE DELAY
	11	5	6	TACAN ANTENNA A CABLE DELAY
73ff	12	15	16	OUTPUT PARAMETERS
0000	13	15	16	SPARE
0000	14	15	16	IFF CODES AS DEFINED IN JTIPD
0000	15	15	16	IFF CODES AS DEFINED IN JTIPD
0000	16	15	16	IFF CODES AS DEFINED IN JTIPD
0000	17-19	15	16	NOT USED BY NAVY
0000	20	15	15	NOT USED
	20	0	1	RECEIVER/SYNTHESIZER CIRCUMVENTION
0000	21	15	1	TADIL C ADDRESS INDICATOR
	21	14	15	TADIL C ADDRESS
0000	22-32	15	16	SPARE

Appendix D

SUPPLEMENTAL INFORMATION

CONNECTIVITY MATRIX ABBREVIATIONS

CONTENTION ACCESS MODES

CONNECTIVITY MATRIX

TIMELINE

UNIT TSDF CALCULATIONS

NETWORK ALLOCATION TABLE

COMSEC CROSS REFERENCE TABLE

This Page Intentionally Left Blank

Tables 3 and 4 provide a breakdown of commonly used abbreviations and contention access modes found in the connectivity matrix.

Table 3: Connectivity Matrix Abbreviations

Commonly Used Connectivity Matrix Abbreviations	
Abbreviation	Use/meaning
127	Stacked Net
CY	Control Relay
D	Dedicated
DSR	Dedicated with Slot Reuse
MSEC	Message Security
MYC	Main Net Conditional Relay
NPG	Network Participation Group
NPG 2	Round Trip Timing (Dedicated)
NPG 3	Round Trip Timing (Contention)
NPG 5	PPLI-A (fighter high update rate)
NPG 6	PPLI-B
NPG 7	Surveillance
NPG 8	Mission Management
NPG 9	Air Control (uplink and backlink)
NPG 10	Electronic Warfare
NPG 12	Voice A
NPG 13	Voice B
NPG 14	Indirect PPLI (I-PPLI)
NPG 19	Fighter-to-Fighter (advisory and targeting)
NPG 20	NC2-NC2 Fighter-to-Fighter
NPG 21	Engagement Coordination (TBMD)
NPG 29	Residual Text Message
NPG 30 (NPG P)	IJMS Position & Status (P-Messages)
NPG 31 (NPG T)	IJMS T-Messages
NPG 401	Needlines
NPG V	IJMS 2.4 Kbps voice
O	Option Design Files
PTT	Push to Talk
P2DP	Pack Two Double Pulse
P2SP	Pack Two Single Pulse
P4	Pack Four Single Pulse
R	Receive
RTT	Round Trip Timing
RY	Receive for Relay
T	Transmit
TY	Relay NPG
TSEC	Transmission Security
Y	Relay Transmission
VY	Voice Relay

Table 4: Contention Access Modes

<i>Contention Access Modes</i>		
Value	Access Rate	Average Period
0	1 per 48 sec	48 sec
1	2 per 48 sec	24 sec
2	3 per 48 sec	16 sec
3	2 per 24 sec	12 sec
4	3 per 24 sec	8 sec
5	2 per 12 sec	6 sec
6	3 per 12 sec	4 sec
7	4 per 12 sec	3 sec
8	6 per 12 sec	2 sec
9	8 per 12 sec	1.5 sec
10	12 per 12 sec	1 sec
11	16 per 12 sec	0.75 sec
12	20 per 12 sec	0.6 sec
13	26 per 12 sec	0.46 sec
14	32 per 12 sec	0.38 sec
15	64 per 12 sec	0.19 sec

CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET40										
Connectivity Matrix Status is VERIFIED										
Slot Group	1	2	3	4	5	6	7	8	9	10
NPG Number	3	5	6	TY	6	TY	7	TY	7	TY
Net Number	0	0	0	0	0	0	0	0	0	0
TSEC Variable	1	1	1	1	1	1	1	1	1	1
MSEC Variable										
Access Mode	4	D	D		D		D		D	
Packing Limit		P2SP	P2SP		P2SP		P2SP		P2SP	
Per Unit Slots/Frame		4	2		1				32	
Total Slots/Frame	8	16	8	8	16	16	160	160	64	64
Participant ID	User Seq Number	Connectivity								
1. SHIP(1)	1	T	R	Y	T/R	Y	O	Y	R	Y
2. SHIP(2)	2	T	R	Y	T/R	Y	O	Y	R	Y
3. SHIP(3)	3	T	R	Y	T/R	Y	O	Y	R	Y
4. SHIP(4)	4	T	R	Y	T/R	Y	O	Y	R	Y
5. SHIP(5)	5	T	R	Y	T/R	Y	O	Y	R	Y
6. E2C(1)	1	T	R	Y	T/R	Y	O	Y	R	Y
7. E2C(2)	2	T	R	Y	T/R	Y	O	Y	R	Y
8. F14D(1)	1	T	T/R	T/R	Y	R	Y	R	Y	Y
9. F14D(2)	2	T	T/R	T/R	Y	R	Y	R	Y	Y
10. F14D(3)	3	T	T/R	T/R	Y	R	Y	R	Y	R
11. F14D(4)	4	T	T/R	T/R	Y	R	Y	R	Y	R
12. JTAOM(1)		T	R	R	T/R	R	R	R	R	R
13. ADCP(1)		T	R	R	T/R	R	R	R	R	R
14. E3(1)		T	R	Y	T/R	Y	R	Y	T/R	Y
15. E3(2)		T	R	Y	T/R	Y	R	Y	T/R	Y
16. RJ(1)		T	R	Y	T/R	Y	R	Y	R	Y
17. CRC(1)		T	R	R	T/R	R	R	R	R	R
18. AOC(1)		T	R	R	T/R	R	R	R	R	R

Default Net = Net 0

Net Entry Transmit Enable: Yes

CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET40										
Connectivity Matrix Status is VERIFIED										
Slot Group	11	12	13	14	15	16	17	18	19	20
NPG Number	7	TY	7	TY	7	TY	8	TY	8	TY
Net Number	0	0	0	0	0	0	0	0	0	0
TSEC Variable	1	1	1	1	1	1	1	1	1	1
MSEC Variable										
Access Mode	D		D		D		D		D	
Packing Limit	P2SP		P2SP		P2SP		P2SP		P2SP	
Per Unit Slots/Frame			64				4		4	
Total Slots/Frame	8	8	128	128	24	24	36	36	8	8
Participant ID	User Seq Number	Connectivity								
1. SHIP(1)	1	R	Y	R	R	R	Y	T/R	Y	R
2. SHIP(2)	2	R	Y	R	R	R	Y	T/R	Y	R
3. SHIP(3)	3	R	Y	R	R	R	Y	T/R	Y	R
4. SHIP(4)	4	R	Y	R	R	R	Y	T/R	Y	R
5. SHIP(5)	5	R	Y	R	R	R	Y	T/R	Y	R
6. E2C(1)	1	R	Y	R	Y	R	Y	T/R	Y	R
7. E2C(2)	2	R	Y	R	Y	R	Y	T/R	Y	R
8. F14D(1)	1	R	Y	R	Y	R	Y	R	Y	R
9. F14D(2)	2	R	Y	R	Y	R	Y	R	Y	R
10. F14D(3)	3	R	Y	R	Y	R	Y	R	Y	R
11. F14D(4)	4	R	Y	R	Y	R	Y	R	Y	R
12. JTAOM(1)		R	R	T/R	R	R	R	R	R	T/R
13. ADCP(1)		R	R	R	R	T	R	R	R	R
14. E3(1)		R	Y	R	Y	R	Y	T/R	Y	R
15. E3(2)		R	Y	R	Y	R	Y	T/R	Y	R
16. RJ(1)		T	Y	R	Y	R	Y	R	Y	R
17. CRC(1)		R	R	T/R	R	R	R	R	T/R	R
18. AOC(1)		R	R	R	R	R	R	R	R	R

Default Net = Net 0

Net Entry Transmit Enable: Yes

CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET40										
Connectivity Matrix Status is VERIFIED										
Slot Group	21	22	23	24	25	26	27	28	29	30
NPG Number	8	TY	9	9	10	TY	14	TY	14	TY
Net Number	0	0	0	0	0	0	0	0	0	0
TSEC Variable	1	1	1	1	1	1	1	1	1	1
MSEC Variable										
Access Mode	D		DSR	D	D		DSR		DSR	
Packing Limit	P2SP		P2SP	P2SP	P2SP		P2SP		P2SP	
Per Unit Slots/Frame	2				4					
Total Slots/Frame	4	4	16	64	40	40	8	8	8	8
Participant ID	User Seq Number	Connectivity								
1. SHIP(1)	1	R	Y	T	R	T/R	Y	T	Y	R
2. SHIP(2)	2	R	Y	T	R	T/R	Y	R	Y	T
3. SHIP(3)	3	R	Y	T	R	T/R	Y	T	Y	R
4. SHIP(4)	4	R	Y	T	R	T/R	Y	R	Y	T
5. SHIP(5)	5	R	Y	T	R	T/R	Y	T	Y	R
6. E2C(1)	1	R	Y	T	R	T/R	Y	R	Y	R
7. E2C(2)	2	R	Y	T	R	T/R	Y	R	Y	R
8. F14D(1)	1	R	Y	R	O	R	Y	R	Y	R
9. F14D(2)	2	R	Y	R	O	R	Y	R	Y	R
10. F14D(3)	3	R	Y	R	O	R	Y	R	Y	R
11. F14D(4)	4	R	Y	R	O	R	Y	R	Y	R
12. JTAOM(1)		R	R	T	R	R	R	R	R	R
13. ADCP(1)		T/R	R	R	R	R	R	R	R	R
14. E3(1)		R	Y	T	R	T/R	Y	R	Y	R
15. E3(2)		R	Y	T	R	T/R	Y	R	Y	R
16. RJ(1)		R	Y	R	R	T/R	Y	R	Y	R
17. CRC(1)		R	R	T	R	R	R	R	R	R
18. AOC(1)		T/R	R	R	R	R	R	R	R	R

Default Net = Net 0**Net Entry Transmit Enable: Yes**

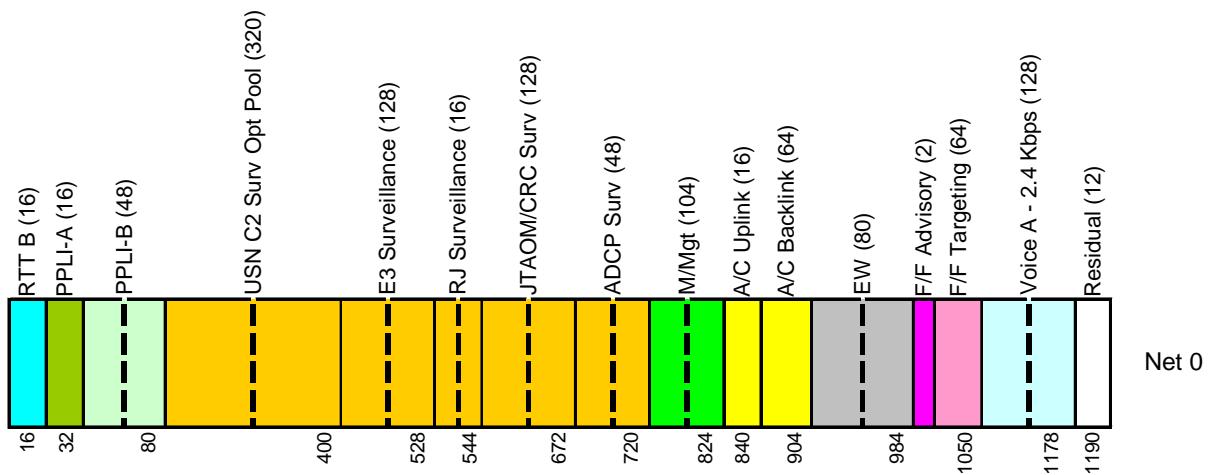
CONNECTIVITY MATRIX

Connectivity Matrix for Network: NET40										
Connectivity Matrix Status is VERIFIED										
Slot Group	31	32	33	34	35	36	37	38	39	40
NPG Number	19	19	12	TY	29					
Net Number	0	0	0	0	0					
TSEC Variable	1	1	1	1	1					
MSEC Variable										
Access Mode	DSR	D	D		D					
Packing Limit	P2SP	P2SP	P2SP		P2SP					
Per Unit Slots/Frame					4					
Total Slots/Frame	2	64	64	64	12					
Participant ID	User Seq Number	Connectivity								
1. SHIP(1)	1			T	Y					
2. SHIP(2)	2			T	Y					
3. SHIP(3)	3			T	Y					
4. SHIP(4)	4			T	Y					
5. SHIP(5)	5			T	Y					
6. E2C(1)	1	T	R	T	Y					
7. E2C(2)	2	T	R	T	Y					
8. F14D(1)	1	R	O	T	Y					
9. F14D(2)	2	R	O	T	Y					
10. F14D(3)	3	R	O	T	Y					
11. F14D(4)	4	R	O	T	Y					
12. JTAOM(1)										
13. ADCP(1)										
14. E3(1)				T	Y	T/R				
15. E3(2)				T	Y	T/R				
16. RJ(1)				T	Y					
17. CRC(1)				T	R					
18. AOC(1)						T/R				

Default Net = Net 0

Net Entry Transmit Enable: Yes

TIME LINE

**Note:**

1. Numbers in parenthesis () indicate total slots in NPG, including relay if applicable.
2. Dashed lines (-----) = Relayed NPGs

Legend Color Code:

█	NPG 3 - RTT B	█	NPG 12 - Voice A
█	NPG 5 - PPLI A - Fighter HUR	█	NPG 14 - I-PPLI
█	NPG 6 - PPLI B	█	NPG 19 Advisory
█	NPG 7 - Surveillance	█	NPG 19 F/F
█	NPG 8 - Mission Management	█	NPG 29 - Residual
█	NPG 9 - Air Control		
█	NPG 10 - EW		

UNIT PULSE DENSITY CALCULATIONS (TSDF)

Platform	Unit Pulses	Unit TSDF	Relay Pulses	Relay TSDF	Total Unit TSDF w/o Voice	Voice Pulses	Voice Relay Pulses	Total Voice Pulses	Voice TSDF	Total Unit Pulses	Total Unit TSDF w/Voice
Ship(1)	15123	3.82%	98556	24.87%	28.69%	16512	16512	33024	8.33%	146703	37.02%
Ship(2)	15123	3.82%	98556	24.87%	28.69%	16512	16512	33024	8.33%	146703	37.02%
Ship(3)	15123	3.82%	98556	24.87%	28.69%	16512	16512	33024	8.33%	146703	37.02%
Ship(4)	15123	3.82%	98556	24.87%	28.69%	16512	16512	33024	8.33%	146703	37.02%
Ship(5)	15123	3.82%	98556	24.87%	28.69%	16512	16512	33024	8.33%	146703	37.02%
E2C(1)	12543	3.17%	131580	33.20%	36.37%	16512	16512	33024	8.33%	177147	44.70%
E2C(2)	12543	3.17%	131580	33.20%	36.37%	16512	16512	33024	8.33%	177147	44.70%
F14D(1)	10221	2.58%	131580	33.20%	35.78%	16512	16512	33024	8.33%	174825	44.12%
F14D(2)	10221	2.58%	131580	33.20%	35.78%	16512	16512	33024	8.33%	174825	44.12%
F14D(3)	10221	2.58%	131580	33.20%	35.78%	16512	16512	33024	8.33%	174825	44.12%
F14D(4)	10221	2.58%	131580	33.20%	35.78%	16512	16512	33024	8.33%	174825	44.12%
JTAOM(1)	18219	4.60%	0	0.00%	4.60%	0	0	0	0.00%	18219	4.60%
ADCP(1)	7383	1.86%	0	0.00%	1.86%	0	0	0	0.00%	7383	1.86%
E3(1)	16284	4.11%	131580	33.20%	37.31%	16512	16512	33024	8.33%	180888	45.65%
E3(2)	16155	4.08%	131580	33.20%	37.28%	16512	16512	33024	8.33%	180759	45.61%
RJ(1)	4803	1.21%	131580	33.20%	34.42%	16512	16512	33024	8.33%	169407	42.75%
CRC(1)	22347	5.64%	0	0.00%	5.64%	16512	0	16512	4.17%	38859	9.81%
AOC(1)	1191	0.30%	0	0.00%	0.30%	0	0	0	0.00%	1191	0.30%

Remarks:

1. TSDF calculations based on unit transmit and relay assignments in the network.
2. Contact the Navy NDF for TSDF calculations tailored for specific operations that do not require all platforms participating.

NETWORK ALLOCATION TABLE

Allocation Table for Network: NET40

page 1

Allocation Table Status: VERIFIED

SB/ Agg	Net Req.	Net Set	Idx	RRN
1.1	0	0	C	58 9
2.1	0	0	C	4 10
3.1	0	0	C	20 9
4.1	0	0	C	28 9
5.1	0	0	C	0 10
6.1	0	0	C	8 10
7.1	0	0	A	0 13
7.2	0	0	B	5 11
8.1	0	0	A	2 13
8.2	0	0	B	13 11
9.1	0	0	B	0 12
10.1	0	0	B	6 12
11.1	0	0	C	52 9
12.1	0	0	C	60 9
13.1	0	0	A	1 13
14.1	0	0	A	3 13
15.1	0	0	C	16 10
15.2	0	0	C	12 9
16.1	0	0	C	24 10
16.2	0	0	C	18 9
17.1	0	0	B	3 11
17.2	0	0	C	38 8
18.1	0	0	B	11 11
18.2	0	0	C	46 8
19.1	0	0	C	44 9
20.1	0	0	C	50 9
21.1	0	0	C	102 8
22.1	0	0	C	110 8
23.1	0	0	C	5 10
24.1	0	0	C	1 12
25.1	0	0	B	7 11
25.2	0	0	C	2 9
26.1	0	0	B	15 11
26.2	0	0	C	10 9
27.1	0	0	C	34 9
28.1	0	0	C	42 9
29.1	0	0	C	26 9
30.1	0	0	C	30 9
31.1	0	0	C	86 7
32.1	0	0	B	1 12
33.1	0	0	B	2 12
34.1	0	0	B	4 12
35.1	0	0	C	6 9
35.2	0	0	C	22 8

COMSEC CROSS REFERENCE TABLE

COMSEC Cross Reference Table for Network: NET40

COMSEC Cross Reference Status: VERIFIED

Default MSEC = 1 Default TSEC = 1

Participant	SDU Locations				Overflow
	0/1	2/3	4/5	6/7	
SHIP(1)	1				
SHIP(2)	1				
SHIP(3)	1				
SHIP(4)	1				
SHIP(5)	1				
E2C(1)	1				
E2C(2)	1				
F14D(1)	1				
F14D(2)	1				
F14D(3)	1				
F14D(4)	1				
JTAOM(1)	1				
ADCP(1)	1				
E3(1)	1				
E3(2)	1				
RJ(1)	1				
CRC(1)	1				
AOC(1)	1				